

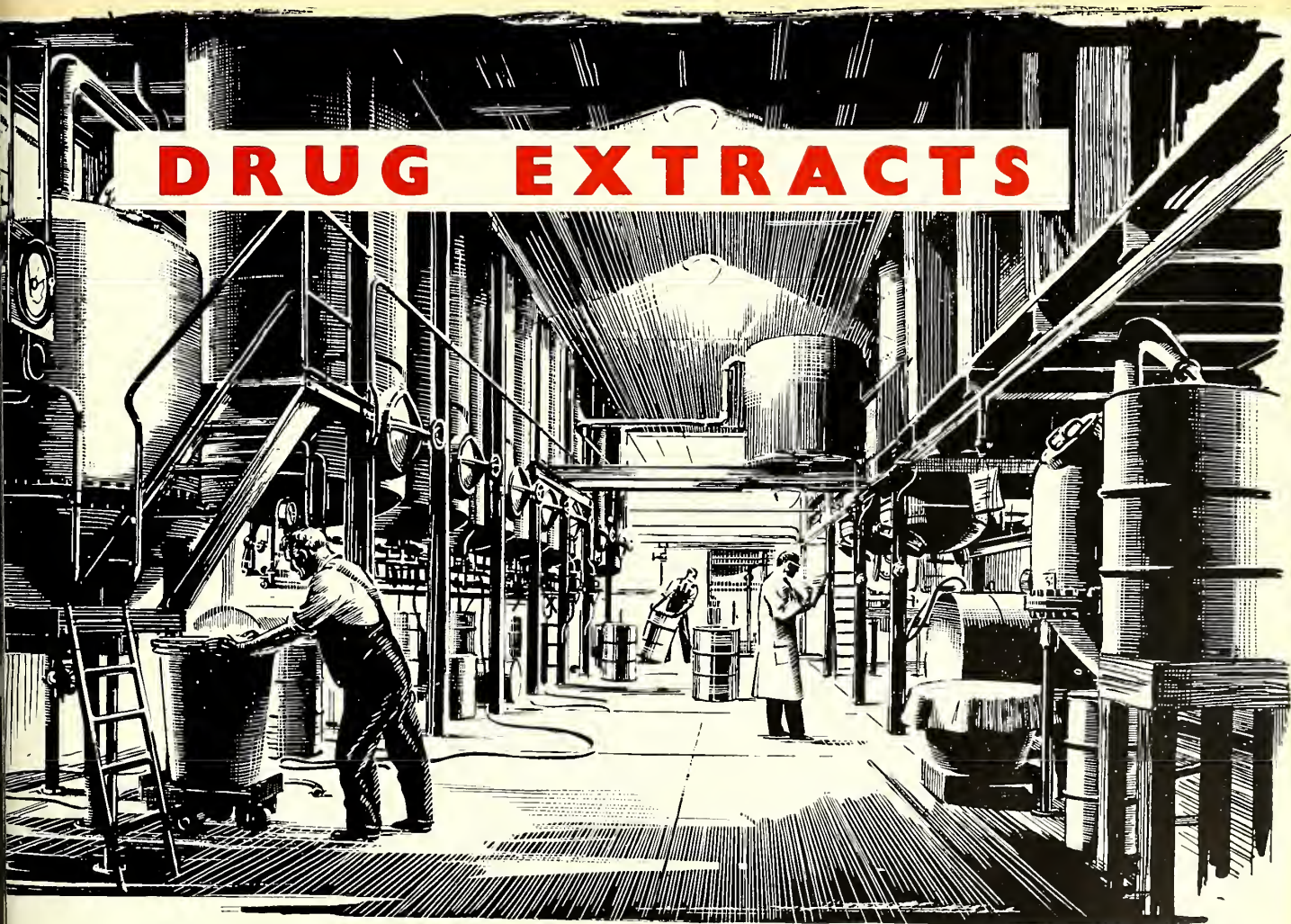


# The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

MARCH 16 1957

## DRUG EXTRACTS



Stafford Allen & Sons offer the longest experience in the preparation of fine medicinal extracts. Our high vacuum concentration process ensures full therapeutic activity. We manufacture liquid, granulated, powdered and sterilized extracts; also concentrated extracts for the preparation of tinctures, infusions, liquid extracts, confections, etc., etc.

May we quote you for your requirements?

**STAFFORD ALLEN & SONS LIMITED**

100, ROAD, LONDON, N.1.

Telephone : CLerkenwell 1000

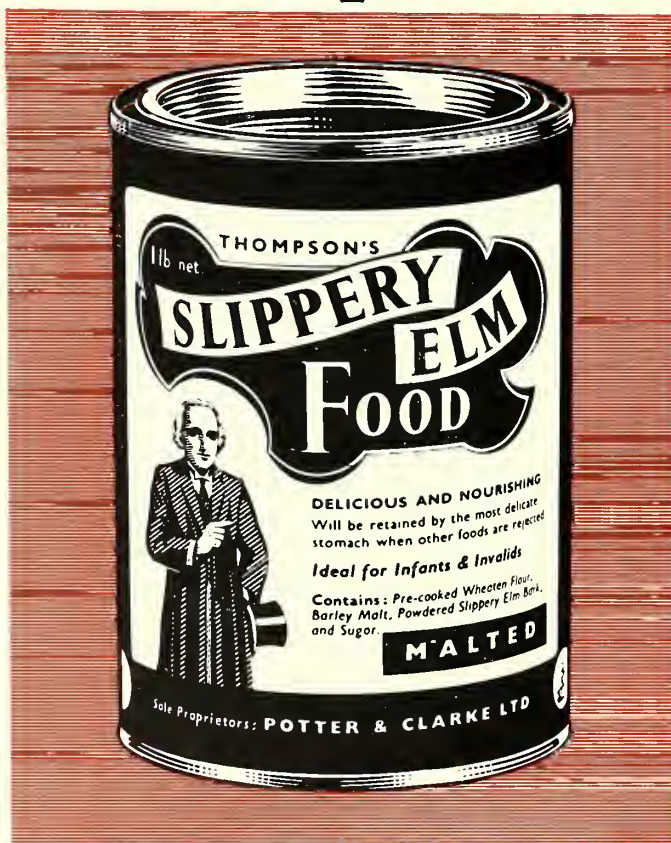


TAS/AL 437



A TOP-SELLER from the

# Potter's range of products



RESEARCH ESTABLISHES THOMPSON'S SLIPPERY ELM FOOD IDEAL IN CASES OF STOMACH WEAKNESS, ULCERS, DIGESTIVE DISORDERS.

Large scale market research into the uses of Thompson's Slippery Elm Food establishes these facts. More and more people are finding it of particular benefit in cases of stomach disorders of all kinds, especially ulcers and some effects of anxiety neuroses.

It is easy to digest, and can usually be retained by the most delicate stomach when other foods are rejected.

But its value as a food beverage is more widespread. Thompson's Slippery Elm Food is a wonderfully nourishing restorative. People find a cupful taken mid-morning relieves fatigue; taken again at night it ensures restful sleep. Its sustaining properties are remarkable. No wonder it ranks as Potter's BIGGEST SELLING LINE.

Available in three varieties

**MALTED**  
**UNMALTED**  
**WHOLEMEAL**  
**MALTED**



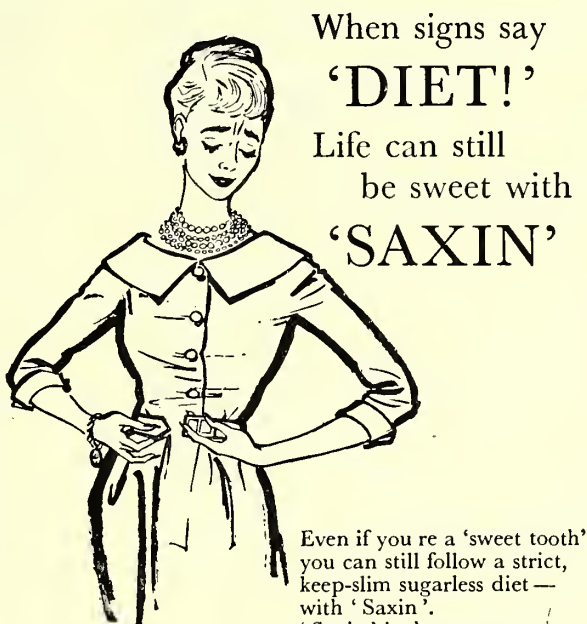
**POTTER & CLARKE LTD** · RIVER ROAD · BARKING · ESSEX · Telephone: RIPPleway 3041

**THOMPSON'S**  
**SLIPPERY ELM**  
**FOOD**

Orders through WHOLESALERS ONLY please!

**1957  
will be  
a  
bumper  
year  
for  
'SAXIN'  
sales**

TRADE  
MARK



Even if you're a 'sweet tooth' you can still follow a strict, keep-slim sugarless diet — with 'Saxin'. 'Saxin' is the sweetener that leaves no bitter taste. One tablet is equal to a large lump of sugar with, of course, no danger to your waistline.

*Just mail this coupon to  
Burroughs Wellcome & Co.,  
183 Euston Road, London, N.W.1  
for a free sample of 'Saxin'.*

POST  
THIS  
COUPON  
TODAY

**FREE SAMPLE OFFER**

NAME .....

ADDRESS .....

**'SAXIN'**

TRADE  
MARK



A BURROUGHS WELLCOME PRODUCT

4924

The biggest-ever advertising campaign for 'SAXIN' will be launched this spring. National newspapers, Women's magazines and Commercial T.V. will offer free samples of 'SAXIN', the sugar substitute for waist-line reducers.

We are prepared for a big response—make certain that you are stocked-up to meet the demand that is sure to follow the advertising. Send your order now. Ask our representative for full details of show material available.



BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON

4720

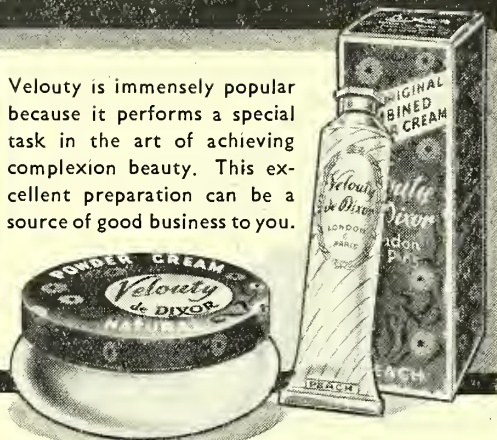


# Velouty

de DIXOR

## POWDER CREAM

Velouty is immensely popular because it performs a special task in the art of achieving complexion beauty. This excellent preparation can be a source of good business to you.



Shades  
**IVORY NATURAL PEACH SUNGOLD**  
**OCHRE APRICOT and RACHEL**  
**TUBES No. 2 No. 3**  
**TRADE 7/6 doz. 12/3 doz. RETAIL 1/6 ea. 2/6 ea.**  
**JARS: TRADE 17/2 doz. RETAIL 3/6 ea.**

# Velpuff

CREAM

## POWDER COMPACT

Velpuff is a perfect creamy base, with the softest, finest powder. Ready to be smoothed on with its own puff, it stays matt for hours.

**LUXURY CASE WITH MIRROR**  
 Retail 6/9 each  
**WHOLESALE**  
 33/0 per doz.  
**4 SHADES**  
**FASCINATION**  
 (Natural)  
**ENCHANTMENT**  
 (Rachel)  
**MYSTIC TOUCH**  
 (Peach)  
**IRRESISTIBLE**  
 (Brunette)  
 Also No. 1 Size  
 (Metal Case)  
 Retail 3/9  
 Wholesale 18/8 doz.



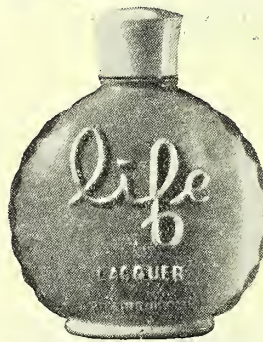
**DIXOR**  
*Limited*

**ST. LEONARD'S RD**  
**MORTLAKE**  
**LONDON, S.W. 14**

# Why not?

Literally hundreds of women write to us because they have difficulty in obtaining these popular, fast-selling preparations. Why not let them spend their money in your shop—instead of on stamps and stationery?

## 1 Rilling Life Lacquer



Supplied in attractive, unbreakable, unspillable spray dispensers. Effective counter display material available free of charge. You buy LIFE LACQUER at 38/- a dozen (inc. P.T.). It sells itself at 4/3 each.

## 2 Rilling All Purpose Barrier Cream

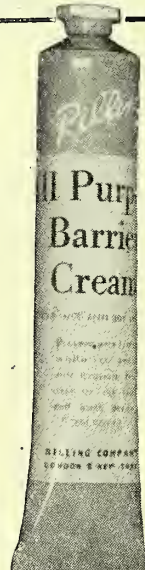
A lanolised cream for wet and dry work . . . gives complete protection against penetration of the skin by dirt and liquid irritants. Leaves the skin soft, smooth and white. Application and removal are simple; full instructions with each handy, hygienic tube. You buy Rilling All Purpose Barrier Cream at 25/3 and 43/4 a dozen (inc. P.T.) and retail at 2/11, or family size tube 5/-.

Obtainable from your usual wholesaler or from

*Rilling*

**RIILLING-HILLS LTD.**  
 222/224 Borough  
 High St., London, S.E.1  
 Tel. HOP 1268-9

Showroom and Demonstration Centre:—  
 449 Oxford Street, London, W.1





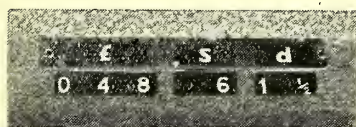


# PROFIT

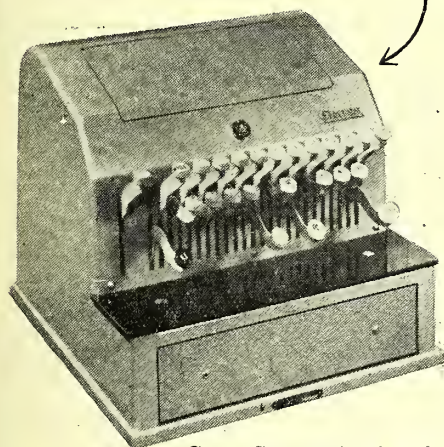
## CHEMISTS THIS PUTS UP YOUR...

Here is a unique new machine designed to help you beat the credit squeeze. Yes, the Gross Cash Controller gives you fool-proof automatic records, new security, good looks and the immense advantages of having day-by-day accurate statistics to help you gauge and control the vital flow of business. And the price is phenomenally low—an all-time record for quality and sheer good value.

This new Gross Cash Controller is fully guaranteed and is **YOURS FOR ONLY £6 10s. 0d. per month.**



Automatic records at a glance.



Gross Construction is uniquely simple and ingenious.

### Ask yourself these questions?

- |   | YES                      | NO                       |
|---|--------------------------|--------------------------|
| 1. Do you need automatic records?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Would daily turnover figures help you?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Do you know how much mistakes are costing you?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Would your business profit from maximum cash-handling security?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do you appreciate clean, functional design?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Do you realise Gross machines can be supplied to match your own colour schemes?                                | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Would you like proof that an extra profit can result from using Gross automatic records correctly?             | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Does the fact that this new Gross Controller costs less than half the price of similar equipment interest you? | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Would you like efficient financial control at a repayment rate of only £6 10s. 0d. per month?                  | <input type="checkbox"/> | <input type="checkbox"/> |

If you answer 'Yes' to more than three of these questions you should post the coupon at the foot of this page for full particulars of this "Miracle Machine".

PROFIT

Pin your card or letterhead here



Hornsey, N.8. Mountview 8272

So easy to use, so hard to make a mistake. \*

or fill in details below—today!

Please send me full details

NAME .....

COMPANY .....

ADDRESS .....

GROSS CASH REGISTERS LTD., HORNSEY, N.8.

CD2



a **BIGGER** baby-bath



for **BIGGER SALES!**

Here is a wonderful new and extra large polythene nursery bath to recommend to your customers—strong, safe, warm to the touch, hygienic and convenient. Look at the selling features of the new Ekco 'Super Bath'.

**LIGHT** Easy to move, yet completely steady and safe.

**ROOMY** Baby has freedom of movement and mother has room in which to bath the child in comfort. An added convenience is the built-in tray which keeps soap and sponge handy.

**SELF-DRAINING** A firmly fitted captive plug—which baby cannot undo—allows mother to drain off the water into a bucket without moving the bath.

**DUAL-PURPOSE STAND** The firm, water resistant folding stand of polished beechwood can also be used with a carry-cot.

*The Super Bath is moulded in Blue, Pink or Natural polythene  
Size 28½" x 18" x 8".*

The new **EKCO 'SUPER BATH' 59/9**  
folding dual-purpose stand 35/-

*Also available*

**PLASTAPOT** Firm, comfortable and warm to the touch. Indispensable in the nursery. Price 7/6



**PLASTABATH** A popular favourite—safe, convenient, lightweight. Price 4/3 (with metal stand 7 1/2)



**EKCO** 'Gold Seal'  
**NURSERY WARE**

E. K. COLE LTD. (Plastics Division) SOUTHBEND-ON-SEA-ESSEX

**SALES** are **RISING!**



Stock up and take  
your share of this  
profitable business!

★ The new T.V. campaign is backed-up by intensive Press, Poster and Theatre publicity.

**Culmak**

**SHAVING BRUSHES**

**LUTON DYES**  
and straw hats live again!

Brush-on straw hat dyes in a range of 12 pleasing colours. Smart matt or glossy finishes give last year's straw hats the fashionable look.

*Eye-catching Shade Cards and Showcards available.*

Large size 18/- per doz. Retail 2/- per bottle.

Small size 13/6 " " " 1/6 " "

Complete with brush for applying the dye.

Less 5% for cash in 7 days.

**WHITAKER & CO. (KENDAL) LTD.**  
**DYE AND CHEMICAL MANUFACTURERS—KENDAL**

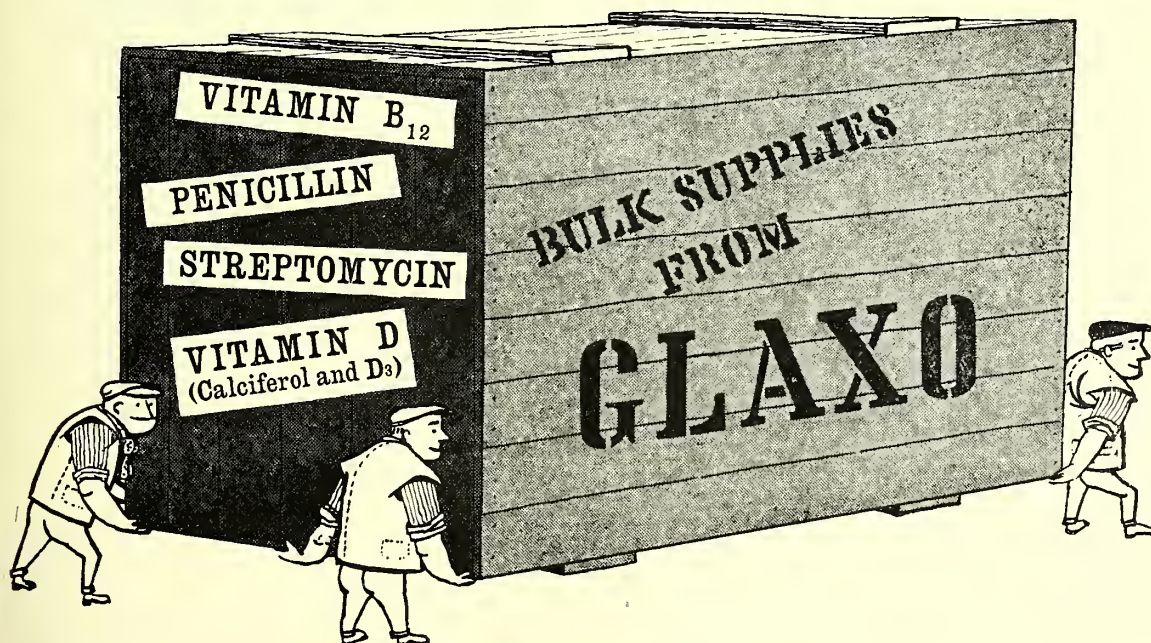
**BURROUGH'S**  
**ABSOLUTE ALCOHOL**

JAMES BURROUGH LTD. 1 CALE DISTILLERY LONDON S.E.11

# INDEX TO ADVERTISERS

Acton Pill & Tablet Co., Ltd., The .....	50	Daniel, Richard & Son, Ltd. ....	13
Allen & Hanburys, Ltd. ....	Cover iv	Dixor, Ltd. ....	2
Allen, Stafford, & Sons, Ltd. ....	Front Cover	Edme, Ltd. ....	43
Anglo-French Drug Co., Ltd., The .....	18	F.A.I.R. Laboratories, Ltd. ....	25
Bailey, Robert, & Son, Ltd. ....	42	Freeman, William, & Co., Ltd. ....	21
Banister Street Works, Ltd., The .....	34	Gardiner & Co. (The Scotch House), Ltd. ....	31
Beatson, Clark & Co., Ltd. ....	10	Glaxo Laboratories, Ltd. ....	5
Boots Pure Drug Co., Ltd. ....	44	Golden, Ltd. ....	41
Borax Consolidated, Ltd. ....	17	Gross Cash Registers, Ltd. ....	3
British Dyewood Co., Ltd., The .....	36	Haffenden, W. W., Ltd. ....	48
Britton, Malcolm, & Co., Ltd. ....	33	Halex .....	38, 39
Brown, N. C., Ltd. ....	46	Harris, Hart & Co., Ltd. ....	44
Burrough, James, Ltd. ....	4	Herbert & Sons, Ltd. ....	34
Burroughs Wellcome & Co. ....	1, 28	Hinders, Ltd. ....	43
Cadbury Bros., Ltd. ....	31	Hooper, B., & Co., Ltd. ....	50
Carnegies of Welwyn, Ltd. ....	16	Hosezene Co., Ltd., The .....	44
Cartwright, W. B., Ltd. ....	6	International Laboratories, Ltd. ....	Interleaved Edit., 29
Chemist and Druggist Art of Dispensing .....	51	Jeffreys, Miller & Co., Ltd. ....	36
Chemist and Druggist Dictionary of Medical Terms .....	44	Johnson & Johnson (Gt. Britain), Ltd. ....	49
Chemist and Druggist Identification of Tablets ....	44	Kearsley, C. & G., Ltd. ....	46
Cole, E. K., Ltd. ....	4		
Compressed Paper Packing, Ltd. ....	34		
Cox, Arthur H., & Co., Ltd. ....	8		
Cox, James, & Co. ....	22		
Culmak, Ltd. ....	4		

(continued overleaf)



Please send for details and quotations to BULK SALES DEPT., GLAXO LABORATORIES LTD.,



GREENFORD, MIDDLESEX, ENGLAND BYRON 3434



## INDEX (cont.)

Kellys, John (London), Ltd. ....	44	Regna Cash Register Co., The .....	Cover iii
Kemball, Bishop & Co., Ltd. ....	40	Rendell, W. J., Ltd. ....	11
Kemsales, Ltd. ....	40	Riddell Products, Ltd. ....	7, 36
Kimberly-Clark, Ltd. (Delsey) Between Pages 20 and 21		Rilling-Hills, Ltd. ....	2
Kimberly-Clark, Ltd. (Men) ....	19, 20	Rose, L., & Co., Ltd. ....	23
Kimpton Bros., Ltd. ....	52	Rozalex, Ltd. ....	42
Lasco, Ltd. ....	13	Samuelson, P., & Co. ....	32
Lastonet Products, Ltd. ....	48	Savory & Moore, Ltd. ....	47
Lederle Laboratories Division ... Interleaved Edit.,	307	School of Chiropody ....	46
Liddle, Keen & Co., Ltd. ....	32	Scott & Turner, Ltd. ....	42, 47
Mail Advertising Services (Mas), Ltd. ....	7	Searle, G. D., & Co., Ltd. .... Interleaved Edit.,	30
Manesty Machines, Ltd. ....	35	Smith, T. J., & Nephew, Ltd. ....	12
Menley & James, Ltd. ....	26	Southalls (Birmingham), Ltd. ....	18
Modern Packages, Ltd. ....	24	Spiral Tube & Components Co., Ltd., The ....	35
Myers, S. I. .... Classified Section		Thermos (1925), Ltd. ....	40
'Nervone' ....	4	Thompson & Capper Wholesale, Ltd. ....	14, 15
Orridge & Co. .... Classified Section		Trapow, D., & Co., Ltd. ....	50
Philips Electrical, Ltd. ....	9	Vernon & Co. ....	24
Pifco, Ltd. ....	46	Vigel, Ltd. ....	8
Potter & Clarke, Ltd. .... Cover ii		Vistascreen Co., Ltd., The ....	51
Pure Lemon Juice Co. ....	27	Vitamins, Ltd. ....	45
		Wakamoto Pharmaceutical Co., Ltd. ....	7
		Warner, William R., & Co., Ltd. ... Interleaved Edit.,	308
		Whitaker & Co. (Kendal), Ltd. ....	4
		Woodward, G. O., & Co., Ltd. ....	37



**TABLETS**

by **CARTWRIGHT'S**

For the production of Tablets to any formula consult  
**W. B. CARTWRIGHT LTD., Manufacturing Chemists**  
**RAWDON, LEEDS.**

# INTRODUCTORY BONUS OFFER BY **GOMAX LTD**

## 2 NEW PROFITABLE LINES

		COST	SELLS	YOUR PROFIT
● <b>GOMAXIDE</b>	1 doz. 4 oz. Bottles	10/9	17/6	6/9
LIQUID GERMICIDE	1 doz. 8 oz. Bottles	19/8	32/6	12/10

### ● **GOMAXINE**

ANTISEPTIC CREAM	1 doz. 1½ oz. Tubes	17/10	29/-	11/2
------------------	---------------------	-------	------	------

(INCLUDING P.T.)

1 Dozen of each charged as ELEVEN, i.e., **24** for the Price of **22**

SENT CARRIAGE FREE

MINIMUM ORDER 1 dozen. Post Extra

SOLE DISTRIBUTORS:

**RIDDELL PRODUCTS LIMITED**RIDDELL HOUSE, 10/14 DUNBRIDGE ST.,  
LONDON, E.2

Telephone: BISHopsgate 0843

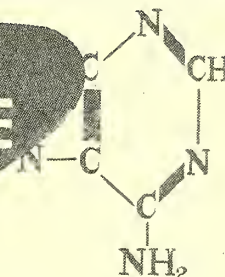
**BONUS OFFER ENDS**  
**31st MAY NEXT**



We are pleased to offer

**FLAVIN ADENINE DINUCLEOTIDE**an active form of Vitamin B<sub>12</sub>  
for Pharmaceutical & Investigational uses  
Also**WAKADENIN**

FAD Simplex Inj.



Inquiries are cordially invited to

**Wakamoto Pharmaceutical Co., Ltd.**

Marunouchi Bldg., Chiyoda-ku, Tokyo, Japan

## THIS IS AUTOMATION!

An entirely NEW AND MODERN CHEMIST MAILING SERVICE now offers you the obvious advantages of personally addressed letters to chemists with your own 2-colour headings, faultlessly printed and matched in one run—Coloured Reply Cards with recipient's name and address filled in for him—Automatic folding, envelope addressing and filling—with no extra charge for use of lists and substantial savings in Purchase Tax and at *costs* and *speeds* believed impossible.

**You can increase SALES and GOODWILL with your best Customer—THE CHEMIST !**

MAIL ADVERTISING SERVICES (MAS) LTD., 351 City Road, London, E.C.1

Telephone: TER 2543



# TAN-GLO

THE VELVETY—  
EASY-ON-THE-SKIN  
**SUN TAN  
CREME**

New, fresh stocks of this  
successful line are now  
available.

*Write to us for a sample tube.*

Excellent Formula

Modern Pack

**ARTHUR H. COX & CO. LTD.**

Manufacturing Chemists since 1839

**BRIGHTON · ENGLAND**

CARTONED TUBES PACKED  
IN SHOWOUTERS OF 1 DOZEN

Price 9/6 per dozen tubes  
Plus 90% P.T.

GROSS ORDERS AT 9/- PER DOZ.

DISPLAY MATERIAL AVAILABLE

# VIGEL TABLETS

FOR

**QUICK, SURE RELIEF AND CONTROL IN THE TREATMENT OF  
GASTRIC AND DUODENAL ULCERS**

**GASTRITIS · HYPERACIDITY AND NERVOUS STOMACH COMPLAINTS**

ALUMINIUM GLYCINATE

BISMUTH  
SUBNITRATE

MAGNESIUM  
CARBONATE



CALAMUS

FRANGULA

SODIUM BICARBONATE

**HOSPITAL  
TESTED  
AND  
APPROVED**

**PRESCRIBABLE  
ON E.C.10**

**DOSAGE**  
TWO TABLETS  
THREE TIMES  
DAILY

**PACKING**  
BOTTLES OF  
40 and 120

VIGEL PRODUCTS LTD., 14 PEPPER STREET, NOTTINGHAM

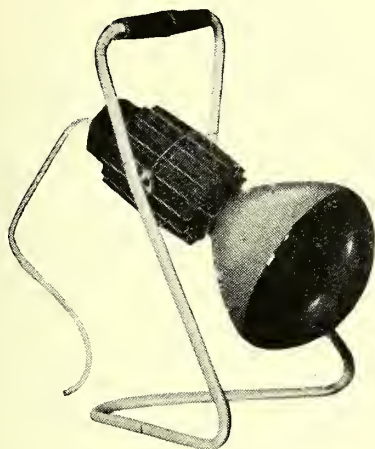
*The season for  
health lamps is here again...*

Stock up with

**PHILIPS**

**INFRA** **and**

**SUN** **LAMP** (Made in Holland)

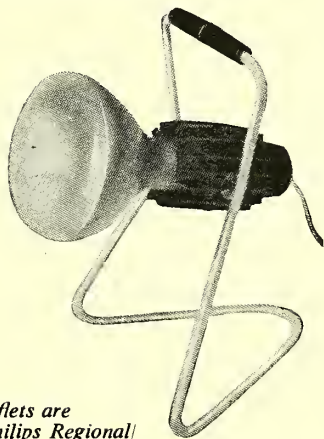


**INFRAPHIL Model 'B'**

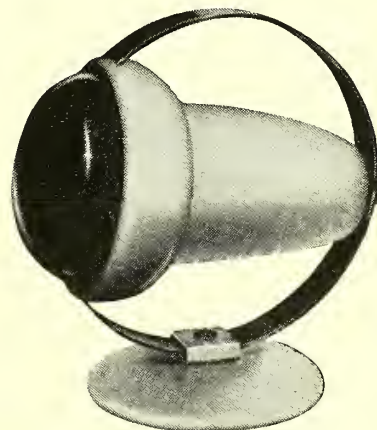
Of all Philips Health Lamps, this is the lightest in weight and lowest in cost. It can be used off any AC/DC mains point on 110-250 voltage range. Price £3 3s. 0d.

**Ultra-violet SUNLAMP**

This well-designed and versatile ultra-violet lamp is both safe and simple to use. For AC mains, 200-250 v. only. Price £5 17s. 6d., complete with protective goggles.



Showcards and leaflets are obtainable from Philips Regional Branch offices, or from your wholesaler.



**INFRAPHIL Model 'A'**

This lamp has a robust, streamlined stand, the base of which can be easily fixed to a wall for downward irradiation. It has a protective casing which lessens the likelihood of damage and makes it an ideal lamp for travelling. AC/DC mains, 110-250 v. Price £4 4s. 0d.



**PHILIPS ELECTRICAL LIMITED**

ELECTRICAL APPLIANCES DIVISION • CENTURY HOUSE • SHAFTESBURY AVENUE • LONDON • W.C.2

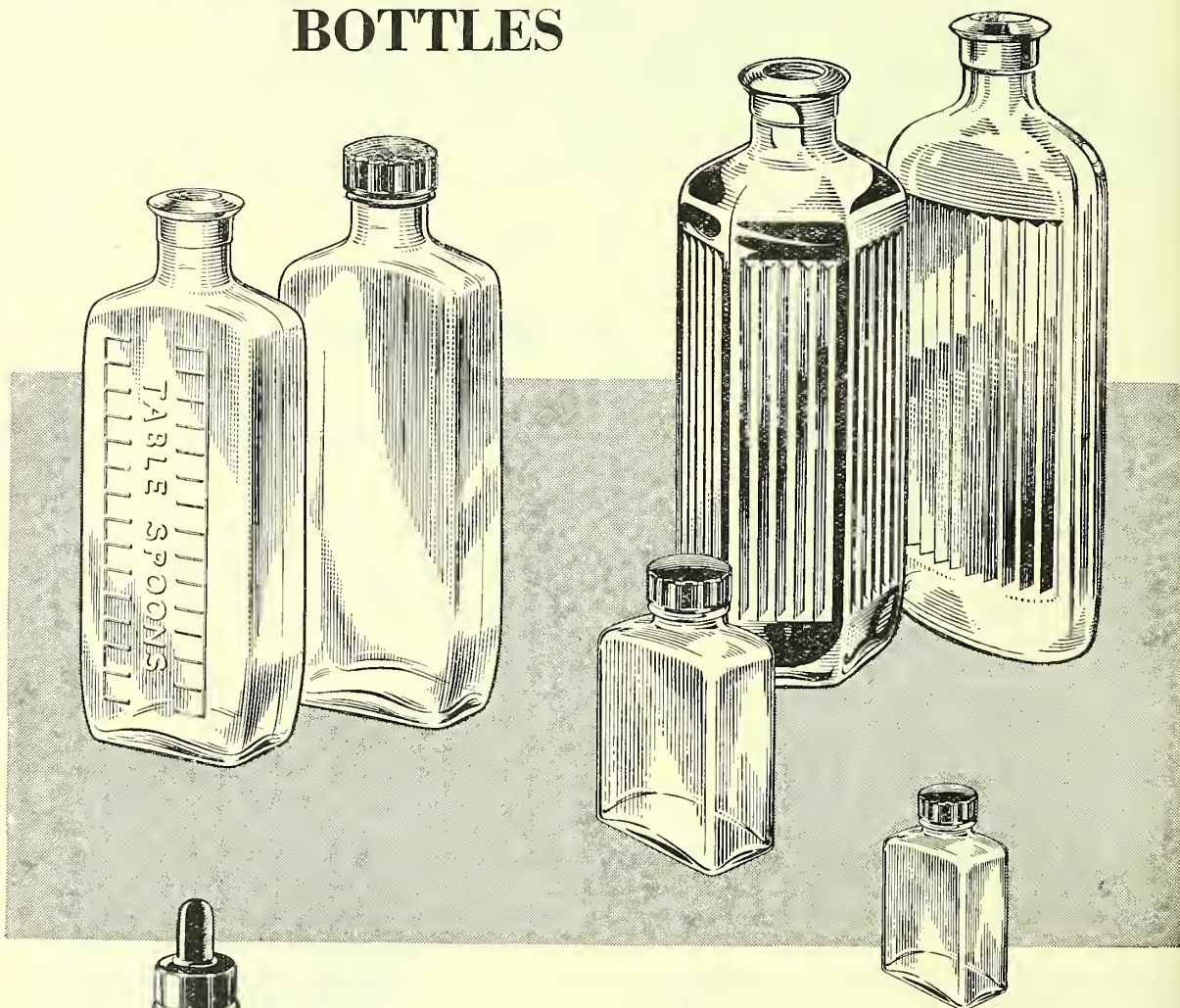
(INF1073)

B



# BEATSON

## DISPENSING BOTTLES



The discerning pharmacist demands a container which combines attractive appearance with sound functional design. Beatson Bottles are produced especially to satisfy both these requirements—they look well, store well, handle well, pour well — Beatson Medicals, Panels, Ribbed Ovals, Emulsions Tablets, Olive Oils, Corbyns and in fact every bottle used in Pharmacy is the better for being "BEATSON."

*"The Sign of a*



*Good Bottle"*

*First Class in* GLASS

**BEATSON, CLARK & CO., LTD.**

GLASS BOTTLE MANUFACTURERS

ROTHERHAM

Established 1751

YORKS

The value of a permanent Rendell display cannot be over-emphasised, because it gives confidence to regular users and also attracts new customers who, from time to time, make many other purchases in addition to our products.

*Rendells*



# The 'COMMON COLD'

## — a new approach

# DILACOL

TRADE MARK

DILACOL reverses the previously favoured method of symptomatically treating the common cold with a vasoconstrictor. Instead, DILACOL has as one of its principal ingredients a powerful **vasodilator** in the form of 'Perdilatal' (used in the treatment of peripheral vascular diseases).

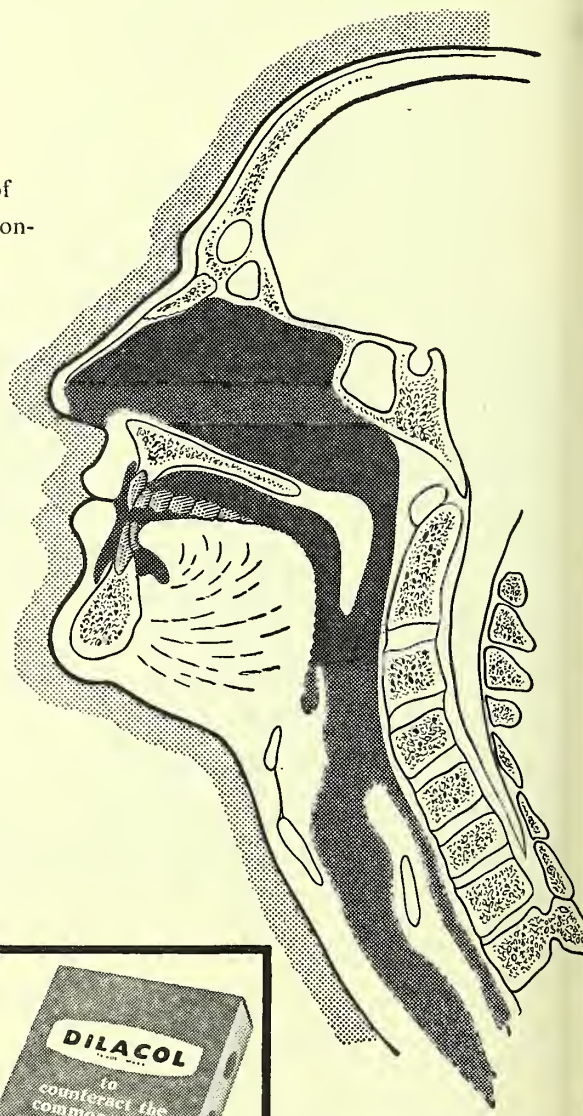
The administration of this vasodilating substance increases vascularity of the nasal mucosa, thus leading to a more copious secretion followed by a rapid relief of the symptoms—as opposed to a mere “drying-up” of the vessels.

DILACOL is in category 4 and therefore prescribable under N.H.S. It may, however, be bought over the counter without prescription.

This time of the year shows increasing turnover in products designed to counteract the common cold. By recommending this new way of counteracting “colds” you will have return business—as well as the thanks of your customer.

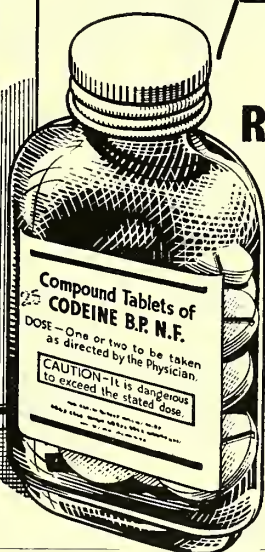
	Trade Price	Retail Price	
Cartons of 24 tablets (individually wrapped)	31/8d. per doz.	4/9d. each	} Inc. P. Tax
Box of 480 tablets (individually wrapped)	47/6d. each	85/6d. each	
Containers of 500 tablets (not individually wrapped)	39/2d. each	70/6d. each	

Subject to P.T. at 30%  
These prices are subject to the usual wholesale discount.



SMITH & NEPHEW LTD, WELWYN GARDEN CITY · HERTS

an  
**S&N**  
product



## PACKED TABLETS FOR COUNTER SALE

Manufactured by

**RICHARD DANIEL  
& SON LTD.**

PRICE LIST ON APPLICATION

**MANSFIELD ROAD, DERBY**

TELEPHONE - - 40671 (8 LINES)

ALSO AT **ASHTON-UNDER-LYNE**

TELEPHONE 2816 (3 LINES)



## ORDER YOUR SUPPLIES NOW!

# SANGRAL

## TEN-DAY FERTILIZER

Every year thousands of CHEMISTS say . . . "It's a splendid selling line from EARLY SPRING to LATE AUTUMN."

**WHEREVER THERE IS A GARDEN . . .  
THERE IS A SALE FOR SANGRAL FOR  
FLOWERS, VEGETABLES AND FRUIT.**

**BOTTLES 2/- AND 3/6**

**TOMATO SPECIAL**

It is new—and the best

**BOTTLES 2/- AND 3/6**

## LASCO LTD.

**CARRUTHERS STREET, LIVERPOOL, 3**

Write today for  
price list.



# MOTHAKS

## Great New BONUS OFFER

**DON'T  
FORGET THE  
CLOSING  
DATE—  
APRIL 1st.**

**5/- SPECIAL DISCOUNT  
ON EVERY GROSS**

Order 1 gross or over of MOTHAKS NOW for delivery before April 1st, and benefit by the great BONUS OFFER.

**2½% EXTRA DISCOUNT** on all combined orders of MOTHAKS, MOTHAK POWDER, MOTHAK FLY SPRAY and PARADOR AIR FRESHENER.

Put  
MOTHAKS  
on show  
TODAY



### THE NEW SUCCESSES

**MOTHAK  
FLY SPRAY**



A tremendous success last season. The name MOTHAK and unique lavender perfume assure even greater success this season. Economical in use 5/6.

**MOTHAK  
POWDER**



Protects carpets and holsters. Lavender perfume customers like it. Half puffer pack sells at 1/4.

# 1957 Advertising Campaign

## ALL YOUR CUSTOMERS ARE SEEING THE NEW MOTHAK ADVERTISING NOW

Sales in 1957 are already **FOUR TIMES** greater than for the same period last year. Make sure you get your share from this great, successful **BONUS OFFER!**

**DON'T FORGET THE CLOSING DATE—APRIL 1st.**

*The advertising covers all the following :—*

DAILY EXPRESS  
DAILY TELEGRAPH  
NEWS CHRONICLE  
DAILY HERALD  
DAILY MAIL  
DAILY MIRROR

DAILY SKETCH  
SUNDAY EXPRESS  
SUNDAY PICTORIAL  
PEOPLE  
NEWS OF THE WORLD

WOMAN  
WOMAN'S OWN  
WOMAN'S ILLUSTRATED  
WOMAN'S WORLD  
WOMAN'S COMPANION  
WOMAN'S WEEKLY

WIFE & HOME  
HOME CHAT  
HOME NOTES  
MY HOME  
T.V. TIMES  
RADIO TIMES

AND, OF COURSE, ALL LEADING LOCAL PAPERS

**PLUS**  
FOR THE  
FIRST TIME . . .

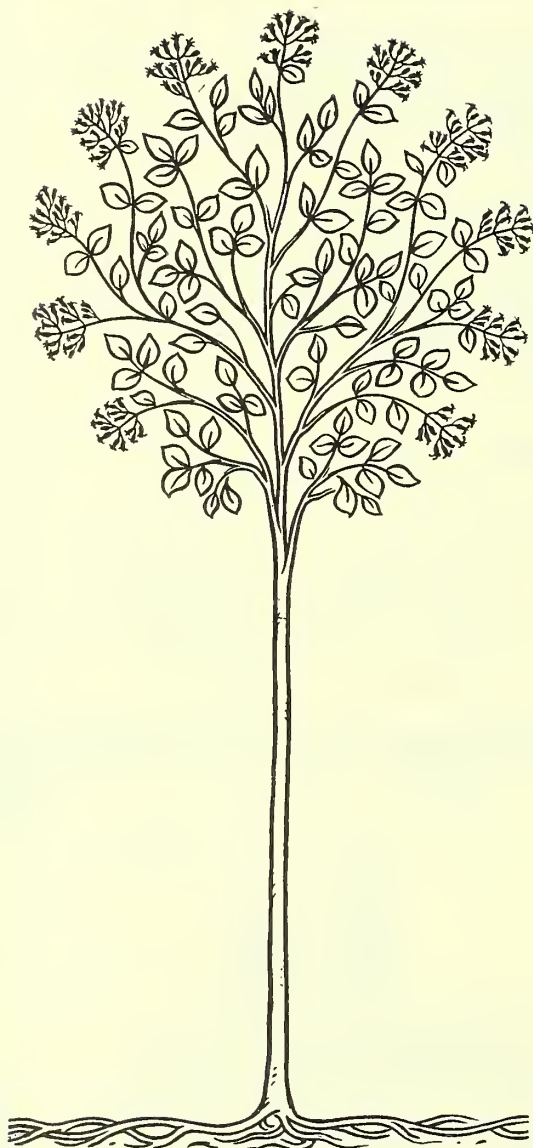
**A SPECIAL  
TV  
SERIES ON  
ALL STATIONS**

**THOMPSON & CAPPER LTD.**  
LIVERPOOL



# PIPERAZINE

A "TREE OF LIFE" PRODUCT



## CARNEGIES PIPERAZINE

*The modern treatment for  
worm infestation in medical  
and veterinary practice.*

Piperazine Hexahydrate  
Piperazine Citrate  
Piperazine Hydrochloride  
Piperazine Phosphate  
Piperazine Tartrate, etc.

*We supply many of our Piperazine  
Compounds in TABLETS to conform  
with customers individual requirements.*

MANUFACTURED AT OUR  
WELWYN GARDEN CITY FACTORY

## CARNEGIES OF WELWYN LIMITED

*Manufacturers of Fine Chemicals* **WELWYN GARDEN CITY • ENGLAND**

Telephone: WELWYN GARDEN 5001 (10 lines) • Cables: CARNEGIES, WELWYNGARDENCITY • Telex: LONDON 8676



# Oh, gentle-natured Al Borak!

Borax was named long before its true pharmaceutical value was realised. Its bright white crystals were known to the physician, Rhazes of Basra, well over a thousand years ago as "Baurak."<sup>1</sup> The same word was applied to the fabulous, glittering Al Borak, a "flying horse" of Arabian legend. Since then, use and research have added household familiarity to an almost legendary name.

Boric acid, obtainable from borax, has become one of the safest and gentlest antiseptics known, for use in talcs, in dressings, in ointments and optical solutions, and it discourages the growth of bacteria and fungi. Medical science has constantly expanded and improved on the traditional uses of the past two hundred years. Today, boric acid is especially recommended for soothing and detergent mouth-wash solutions<sup>2</sup> and tablets<sup>3</sup> and emollient gum lotions.<sup>4</sup> Properly applied, boric acid will continue to maintain the high place it has held in therapeutics and cosmetic manufacture for many years.



1. *Beckmann's History of Inventions*, IV 529, 1814.
2. *Goodrich, H.P. & Way, G.L.*, 1940, *British Medical Journal*, 769.
3. *Chemist & Druggist*, 1947, No. 3510, 629.
4. *Pharmaceutical Recipe Book*, American Pharmaceutical Association, 1932.

## 20 MULE TEAM

# BORIC ACID

& BORAX

**BORAX CONSOLIDATED LIMITED**

BORAX HOUSE · CARLISLE PLACE · LONDON · S.W.1

VICtoria 9070



20 Mule Team Registered Trade Mark

TGA BX112

C



***You'll cash in on  
'Blue Star' success  
— at these new prices!***



Southalls 'Blue Star'—the sanitary towel that women have found they can *trust*—is now on the way to even more brilliant success, with its new soft knitted cover and firmly-stitched loops. Stock up *now*, in readiness for the national advertising soon starting! Women will want 'Blue Star' more than ever at these new lower prices:—

	RETAIL		TRADE	
	pkts.		doz. pkts.	
Size 0 (doz.):	<del>1/10</del>	1/9	<del>16/11</del>	16/2
Size 1 (doz.):	<del>2/1</del>	2/-	<del>19/3</del>	18/4
Size 1 (½ doz.):	<del>1/1</del>	1/-	<del>10/-</del>	9/3
Also Size 2 (doz.)	2/6		23/1	

**Blue Star**

REGD. T. M.  
Southalls (Birmingham) Ltd., Charford Mills, Saltley, Birmingham 8

**by Southalls**

Ask our representative for new point-of-sale material.



TRINITRINE Caféinée (Dubois)

SODIUM GENTISATE (Gabail)

SYRUP PERTUSSIS (Gabail)

TULLE GRAS (Lumière)

FLEET ENEMA

ENCYNEX

ELIXIR GABAIL

THIONAIODINE

MYCOLACTINE

IODOBESIN

AFDIGYL

Details of these and other ethical products may be obtained from:

**THE ANGLO-FRENCH DRUG CO. LTD.**

11-12 GUILFORD STREET, LONDON, W.C.1 Phone Holborn 6011



**NOW —**  
**KLEENEX<sup>\*</sup> for MEN!**

—with a market of  
**17½ million men** waiting!

\* Regd. T.M.

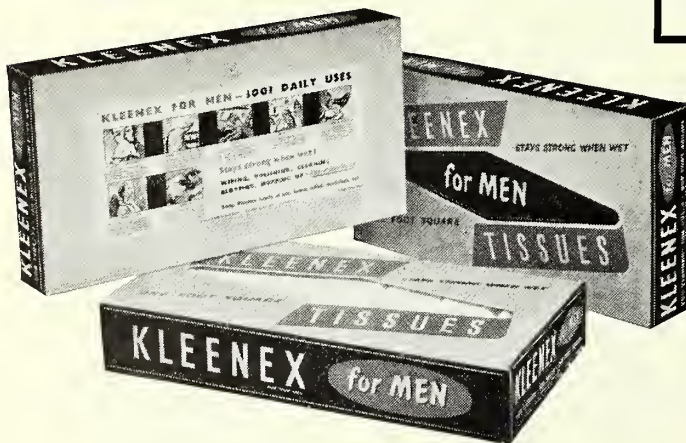
OVER →



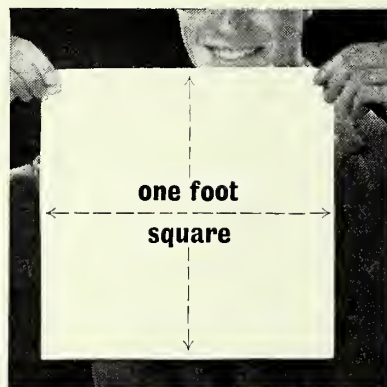
# KLEENEX\* Tissues-for-MEN designed to extend your sales

Now — Kleenex tissues made for Britain's 17½ million men . . . a tissue that stays strong when wet . . . big and strong enough to really cope with a man's cold . . . a tissue that's so handy and practical that it can be used for everything from cleaning shoes to wiping paint brushes!

These new Kleenex-for-Men tissues bring you the whole of this new man's market. No other manufacturer makes special tissues for men. And Kleenex-for-Men is already a proved sales-getter, with excellent results in test markets. Stock up now with Kleenex-for-Men tissues — Britain's only tissue that gives you *extra* sales to the males!



**Only tissues made for men!**



**Extra large! Strong when wet!**

- Bold red and black box
- Varnish finish
- Won't mark when handled with wet or greasy hands

100 2-ply tissues, 2/9

Retail Trade price, 24/9 a doz.

- 1001 uses! Colds, Home, Car, Decorating, Travelling, Etc.—these and other uses illustrated on pack. Increased usage means faster turnover for you!

**TILL 31st MARCH 1957! FREE  
STOCKING UP OFFER FOR KLEENEX-for-MEN!  
12 BOXES FOR PRICE OF 11!**

Normal retail trade price of 24/9d. a doz. reduced to 22/8d. a doz.

**ORDER COUPON  
see following  
insert**





More news from Kimberly-Clark  
**TO HELP YOU TO A**  
**BUMPER CROP OF PROFITS ...**



To help you to a bumper crop of profits...

# Delsey TOILET TISSUE... NO



**Pre-sold for you by National Advertising!** Like all Kimberly-Clark products, Delsey Toilet Tissue is heavily advertised to *your customers*. Women are *pre-sold* through the advertising, come to your shop ready to buy because Delsey promises their families something quite new in toilet rolls . . . greater comfort because it's made of soft, so tissue, gentle as Kleenex\* Tissues, with double-strength . . . greater safety because cannot irritate delicate membranes . . . greater appeal because Delsey is now made all their favourite bath towel colours, too!

To make it even easier for your customers to buy, put Delsey where it's easy to see easy to reach!

**Delsey THE SUCCESSOR TO TOILET PAPER — FIRST**

# ALL THESE BATH TOWEL COLOURS!



**A Kleenex product with a ready-made market amongst Kleenex users!** Every Kleenex customer helps to sell Delsey Toilet Tissue too! Because in every box and on every box of Kleenex there's an advertisement for Delsey Toilet Tissue.

**Tears evenly — Big selling PLUS over ALL other soft Toilet Tissue!** Each sheet of Delsey is specially perforated by an exclusive process so that it tears neatly, evenly *every time*.

\*Regd.T.M.

1/3 A ROLL,  
ALL COLOURS,  
TRADE 11/- A DOZ.  
Packed 4 doz. to case  
(available 1/2 cases)  
BIG QUANTITY  
DISCOUNTS — SEE  
NEXT PAGE

**ALLY ADVERTISED TOILET ROLL IN FULL COLOUR RANGE!**

ORDER COUPON					ORDER COUPON				
CASE CONTENT (DOZ.)	RETAIL	DESCRIPTION	TRADE PER DOZ.	INDICATE QUANTITY HERE	CASE CONTENT (DOZ.)	RETAIL	DESCRIPTION	TRADE PER DOZ.	INDICATE QUANTITY HERE
4	2/-	KOTEX 12's Sanitary Towels	18/3	<input type="checkbox"/>	24	4d.	KLEENEX* Tissues Pocket Pack	2/8	<input type="checkbox"/>
6	1/-	KOTEX 5's "	9/-	<input type="checkbox"/>	2	2/9	KLEENEX " For Men**	24/9**	<input type="checkbox"/>
6	1/-	KLEENEX Tissues	9/-	<input type="checkbox"/>	4	1/3	DELSEY T.T. Single Roll—White	11/-	<input type="checkbox"/>
4	2/-	KLEENEX "	18/-	<input type="checkbox"/>	2	2/4	DELSEY " Double Roll—	20/-	<input type="checkbox"/>
4	2/-	KLEENEX* "	18/-	<input type="checkbox"/>	4	1/3	DELSEY* " Single Roll—Pink	11/-	<input type="checkbox"/>
4	2/9	KLEENEX "	24/9	<input type="checkbox"/>	4	1/3	DELSEY* " " —Yellow	11/-	<input type="checkbox"/>
4	2/9	KLEENEX* "	24/9	<input type="checkbox"/>	4	1/3	DELSEY* " " —Green	11/-	<input type="checkbox"/>

Item marked \* available in 1/2 cases. \*\* Special Offer 2 free boxes per case — expires March 31st, 1957. (22 8 per doz.)



# BIG QUANTITY DISCOUNTS!

## Delsey\* KLEENEX\* Kotex\*

USE ORDER CARD ATTACHED

**5 CASE ORDER 5%**  
**10 CASE ORDER 7½%**  
 plus 2½% 30-day settlement

Delsey orders may be combined with Kleenex  
 and/or Kotex to qualify for quantity discounts.

**THROUGH YOUR  
 WHOLESALER OR DIRECT FROM  
 KIMBERLY-CLARK LIMITED  
 LARKFIELD, KENT**

(Minimum direct shipment 5 cases)  
 (order coupon attached at side)

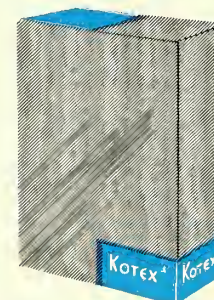
### Delsey TOILET TISSUE Kotex SANITARY TOWELS



WHITE, PINK, YELLOW,  
 GREEN 1/3 A ROLL.  
 DOUBLE-ROLL, 2/4.

KOTEX 12's, 2/-  
 Factory wrapped in plain  
 brown paper — saves wrapping  
 cost, saves time for you,  
 assistants, customers.

Kotex 5's, 1/-



### KLEENEX TISSUES



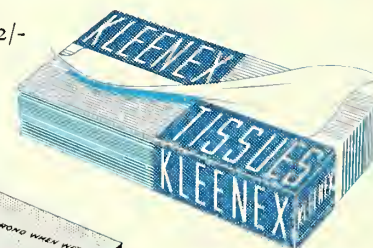
1/-



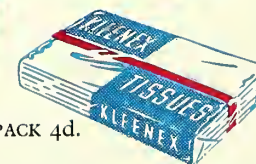
PINK OR WHITE 2/9



KLEENEX—FOR MEN 2/9



PINK OR WHITE 2/-



POCKET-PACK 4d.

FINE BRITISH PRODUCTS FROM KIMBERLY-CLARK LTD—MADE IN ENGLAND

\* Regd.T.M.

POST TO

KIMBERLY-CLARK LIMITED,  
 LARKFIELD,  
 KENT.

SIGNED

YOUR ADDRESS

# EXTRA TO THE QUALITY OF

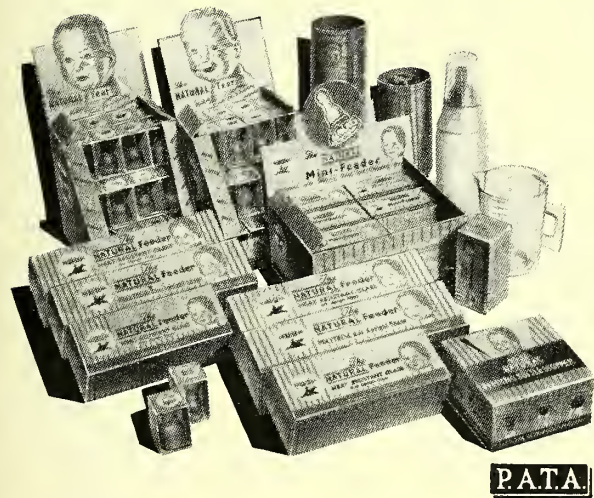
Registered



Trade Mark

# NATURAL

is a saving of trouble and expense  
because the range is complete and all  
the products come from



**1** source

on **1** order

with **1** account

and with **1** payment

SUPPLIED THROUGH CHEMISTS ONLY

**WILLIAM FREEMAN**  
& COMPANY LIMITED

*have the factory and the  
capacity to give you real service*

MOTHERS WANT THE BEST FOR THEIR BABIES

... THAT'S

Registered



Trade Mark

# NATURAL

WILLIAM FREEMAN & CO. LTD., SUBA-SEAL WORKS, PEEL STREET, BARNSELY.

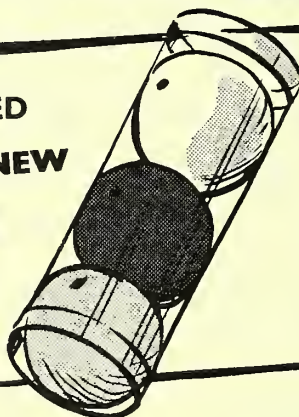
Telephone: Barnsley 4081



# I SEE A GREAT DEMAND- FOR Cox's FLY KILLER BALLS



100% IMPREGNATED  
WITH ENTIRELY NEW  
INSECTICIDES  
FOR QUICK  
RESULTS



1/- per tube of three.  
THEY HANG UP  
ATTRACT FLIES  
KILL QUICKLY  
Beautifully coloured

**NEW**  
THIS YEAR

## D.D.T. FLYCARDS

1/- COX'S FLY KILLER BALLS	96/- per gross
3d. COX'S D.D.T FLYCARDS (The Original)	24/- per gross
4d. COX'S D.D.T. PARROTS	32/- per gross
4d. COX'S D.D.T. ROSE BASKETS	32/- per gross
4d. COX'S D.D.T. WILD DUCKS	32/- per gross

**BONUS TERMS 10% ON 3 GROSS, ANY ASSORTMENT**  
LESS 2½%, MONTHLY

## NATIONALLY ADVERTISED

JAMES COX & CO., D.D.T. WORKS, NORTHOLT ROAD,  
SOUTH HARROW, MIDDLESEX.

Telephone: BYRON 4326

## Meet ELIZABETH SEAL and YVONNE SUGDEN

What have Elizabeth Seal, who starred in "The Pajama Game," and Yvonne Sugden, skating champion, got in common? First, a lot of energy and vitality for the hot, tiring work they do. Secondly, clear complexions, strong bones, and slim figures. Thirdly, they share a liking for the soft drink with a difference—Rose's Lime Juice. So refreshing, it even looks cool! And it helps to keep their complexions clear, to build bones, and keep them slim.

### Sparkling new publicity for Lime Juice

Elizabeth Seal and Yvonne Sugden are only two of the personalities who will be appearing in Rose's great new publicity campaign.

*Large advertisements in the National Press*  
*Frequent Television advertisements · Display*

More and more people are finding that Rose's Lime Juice is not only ideal in the summer, but the perfect all-the-year-round health drink too. No wonder the poor summer of 1956 did not affect the demand for Rose's Lime Juice as it did with other types of soft drink.

Stock up with Rose's Lime Juice, the drink with the delicious "tangy" taste that is made from the juice of pure fresh limes.

# Rose's really refreshes





PRESSWORK, TINS, CANISTERS  
DECORATED METAL BOXES  
CONTAINERS OF ALL KINDS  
DRUMS AND KEGS



**MODERN PACKAGES  
LIMITED**

PHOENIX WORKS · UXBRIDGE 8535-6-7-8



**PRESTOBAND**  
REGD.

**10% Bonus offer  
Closes 31st March**

**How to order PRESTOBAND**  
The Antiseptic Self Adhesive Bandage

WIDTH	PACK	Retail Price	Trade Price Per Doz.
5/8"	1 doz. 4 yd. Bandages, individually cartoned, packed in 'cube' Display Boxes ... ..	7d	5/3
1"	1 doz. 4 yd. Bandages, individually cartoned, packed in 'cube' Display Boxes ... ..	9d	6/9
2"	1 doz. 4 yd. Bandages, individually cartoned, packed in Dozens ... ..	1/6	13/6

**Make up your orders in sizes  
assorted to your own requirements**

Orders to the value of **25/-**, less **2½%**

Orders to the value of **50/-**,  
less **5%** and **10%** Bonus Discount

Orders to the value of **70/-**,  
less **7½%** and **10%** Bonus Discount

\*All Bonus orders completed and despatched CARRIAGE PAID, and whether invoiced through your usual wholesaler or direct from the Sole Distributors, FASSETT & JOHNSON LTD., must be forwarded to FASSETT & JOHNSON LTD. Please give the name of your wholesaler if you wish to have your order invoiced through him.

**Made by VERNONS of PRESTON**

Sole Distributors in Great Britain and Northern Ireland:

**FASSETT & JOHNSON LIMITED**

**86 CLERKENWELL ROAD, LONDON, E.C.1**

Telephone: Clerkenwell 2336 Telegrams: Plasters, Smith, London  
and at 139 Bath Street Glasgow, C.2 Telephone: Douglas 7757



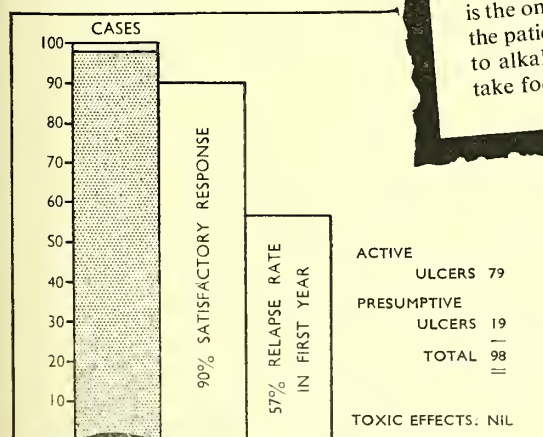
# An assessment of Roter therapy in PEPTIC ULCER

**"... Satisfactory response in 90% of cases."**

*Roter tablets contain a balanced content of recognised buffers with supportive carminative and mildly laxative agents.*

#### FORMULA PER TABLET

Magnesium Carbonate (400 mg.), Bismuth Subnitrate (350 mg.), Sodium Bicarbonate (200 mg.), Rhizoma Calami (25 mg.), and Cortex Rhamni Frangulae (25 mg.)



#### Results

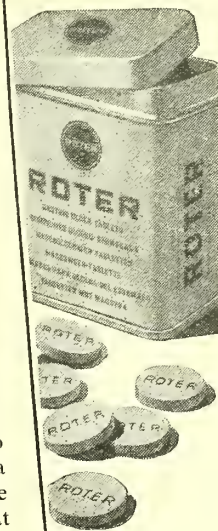
"The immediate clinical results were assessed after the first month's treatment in four main groups: (A) pronounced relief (symptom free); (B) definite relief (minor symptoms with no pain); (C) doubtful relief (symptoms persisting but improved); (D) no relief.

"Table II shows that 81% of cases became symptom-free—70% of them during the first week and 30% during the second week; a further 9% were relieved of the majority of their symptoms. Thus there was a satisfactory response in 90% of cases.

TABLE II

Group	Active Ulcers	Presumptive Ulcers	Totals
A	63 (79.6%)	17 (89.0%)	80 (81.7%)
B	8 (10.2%)	1 (5.5%)	9 (9.2%)
C	6 (7.6%)	1 (5.5%)	7 (7.1%)
D	2 (2.5%)	0 (—)	2 (2.0%)
TOTALS	79 (100%)	19 (100%)	98 (100%)

"Four of the nine cases in groups C and D have elected to go to surgery, and one of the remaining cases has a hiatus hernia as well as a duodenal ulcer. Experience of treating these 'Failures' over the past six years leads one to believe that no form of medical treatment will be effective and that surgery is the only hope of relieving their symptoms. In 75% of cases the patients were of the opinion that the tablets were superior to alkaline powders, and they found that they were able to take foods which they had avoided for years."



Extracts from the  
**BRITISH MEDICAL JOURNAL**  
1955, 2, 827

**"SUMMARY:** Seventy-nine cases of peptic ulcer and 19 of presumptive peptic ulcer have been treated with Roter tablets. Immediate clinical response was satisfactory in 90% of patients, with a relapse rate of 57% in the first year; a reduction in the average number of relapses was recorded in 15 cases kept on a maintenance dose for one year."

**PACKINGS:** Retail Prices including P.T., Trial size 40 tablets 7/5d., Standard size 120 tablets 21/3d., Full Treatment size 640 tablets 106/6d.; Dispensing packs 720 tablets, P.T. exempt.

Obtainable from your usual wholesaler.

Roter Tablets are not advertised to the public, and may be prescribed on E.C.10 forms. Literature and samples on request.

**ROTER**

**TABLETS**

F.A.I.R. LABORATORIES LTD., TWICKENHAM, MIDDLESEX



## Neuro Phosphates



“I remember now. That was the stuff that did Connie’s child so much good after his flu. I’d been meaning to ask her . . .

*I could have told you — our doctor had me on it for a while. But I didn’t know you were feeling run down.*

Oh, it’s not *me*, only father’s been feeling very “elderly” lately, so after what Connie said I thought he ought to have a course of it to pick up his appetite. I’d better get some while I’m here.

*Could you have anticipated that purchase and reminded the customer to get her ‘Neuro Phosphates’ by any other means than point-of-sale display? Display pays hands down with a product like ‘Neuro Phosphates’, which has been a household word for many years.*

### WELLCOME INSTITUTE LIBRARY

Coll.	WelMOmec
Coll.	
No.	

**In 8-oz. bottles**

RETAIL PRICE 6/- EACH

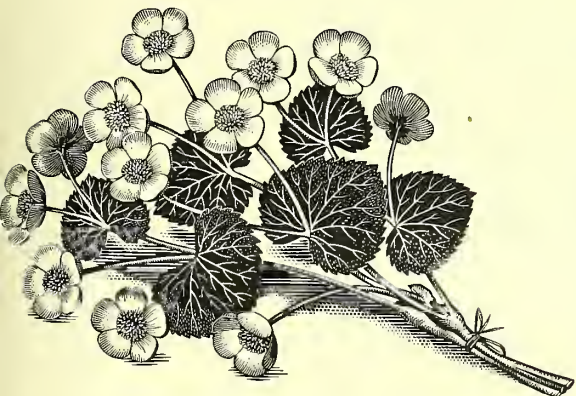
MENLEY & JAMES, LIMITED, COLDHARBOUR LANE, LONDON S.E.5

Tel: BR1xton 7851

for SmithKline & French International Co. owner of the trademarks ‘Neuro Phosphates’ and ‘Eskay’

PLJ

send you

Kingscups  
because

*In the language of flowers this pretty sample from our English meadows means 'I will bring you riches' — not an unfair description for a product that provides such constant sales. But forewarned is forearmed — 'I will bring you riches' applies only to those chemists who are wise enough to lay in good stocks!*

ORDER NOW!



PLJ, Croydon, Surrey. Tel. CROydon 3854

THE CHEMIST  
AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

*Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland*

Volume 167

March 16, 1957

No. 4021

## CONTENTS

A Hospital Pharmacy Rehoused ...	301
A Pharmaceutical Society of Scotland? ...	290
Communication Through Art ...	292
Doctors' Pay Claim ...	292
Essence Manufacture in India ...	306
Festive Occasions ...	306
Hair Cream Sold Below List Price ...	294
Leading Articles:—	
Kite or Fiery Cross? ...	299
Liability for Spread of Fire ...	299
Medical Abstracts ...	304
National Pharmaceutical Union ...	291
Onward from Galen ...	300
"Open Shop" ...	305
Permanent Waving Cream ...	300
Pharmaceutical Society of Great Britain: Council Meeting ...	303
Pharmacists' Postal Chess ...	296
Statutory Committee ...	291
Topical Reflections ...	289
What is a Habit-forming Drug? ...	293

Business Changes ...	295	In Parliament ...	293
C.&D. Retail Price List ...	312	Marriages ...	295
Coming Events ...	311	New Products ...	297
Company News ...	294	P.A.T.A. ...	312
Correspondence ...	298	Personalities ...	295
Deaths ...	295	Price Changes ...	312
Echoes of the Past ...	305	Trade Notes ...	296
Information Wanted ...	298	Trade Report ...	309

INDEX TO ADVERTISERS, Pp. 5 &amp; 6.

PUBLISHED BY

MORGAN BROTHERS (PUBLISHERS), LTD.,  
at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565

Telegrams: Chemicus, Estrand, London

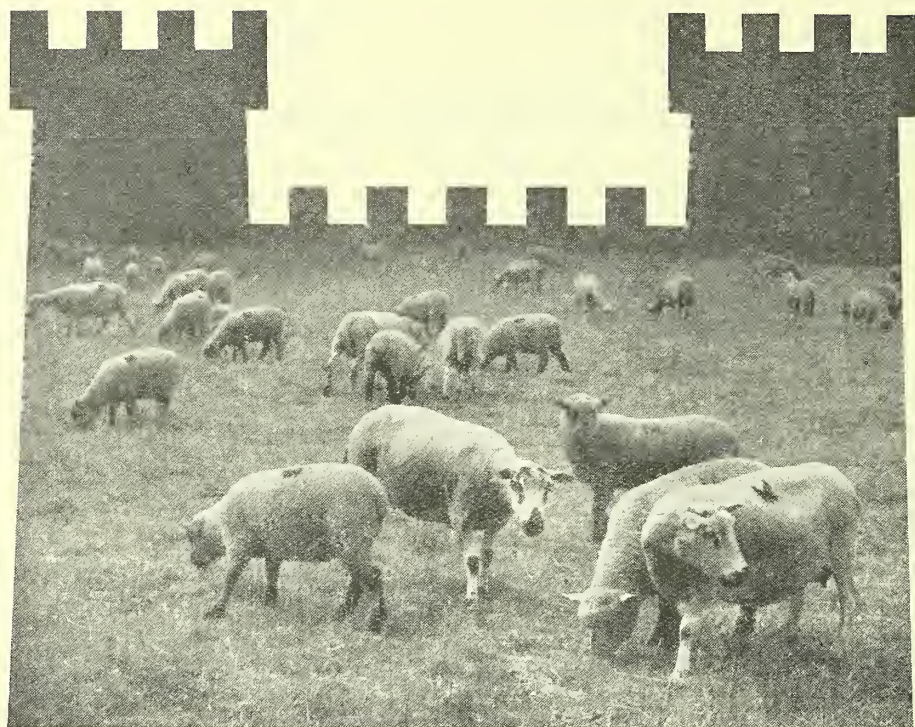
Branch Offices:

BIRMINGHAM, 2: 111 New Street. Phone: Midland 2921.  
GLASGOW: 35 Kingslynn Drive, King's Park, S.2. Phone: Langside 2813.  
LEEDS, 16: 32 Wynford Rise, West Park. Phone: Leeds 67 8438.

ANNUAL SUBSCRIPTION,

which includes The Chemist and Druggist Diary and  
Year Book, £2. Single copies one shilling each.





## Safeguarding the NATION'S FLOCKS

A threat to flocks at any time, swift-killing pulpy kidney disease can cause real havoc among lambs in Spring. Two means of prevention are effective: inoculation with 'Wellcome' Pulpy Kidney Antiserum, which gives immediate but temporary immunity; and inoculation with the slower-acting 'Wellcome' Improved Pulpy Kidney Vaccine, which provides more prolonged protection. The Antiserum is supplied in containers of 100 c.c. (50 lamb or 20 sheep doses); the Vaccine in containers of 50 c.c. (25 doses). Both will be wanted in quantity by farmers during the coming months. Be sure to have stocks on hand. Order NOW.

# 'WELLCOME'

BRAND

## Improved Pulpy Kidney Vaccine

## Pulpy Kidney Antiserum

PREPARED AT THE WELLCOME RESEARCH LABORATORIES

**BURROUGHS WELLCOME & CO. (THE WELLCOME FOUNDATION LTD.) LONDON**



# The CHEMIST AND DRUGGIST

Volume 167

MARCH 16, 1957

No. 4021

## Apothecaries System

### LAW MUST CHANGE BEFORE IT ENDS?

THE abandonment of the apothecaries system in favour of the metric system of weights and measures in the 1963 and subsequent editions of the British Pharmacopoeia might be difficult if not impossible before changes were made in the law, the British Pharmacopoeia Commission has told the Pharmaceutical Society of Great Britain.

That aspect of the problem, the Commission felt, should be examined as soon as possible by those concerned. The Council of the Pharmaceutical Society, meeting on March 5 and 6, welcomed that reply to its letter concerning the discontinuance of the apothecaries system and the use of metric titles and hoped that an early meeting could be arranged with the Commission. The next edition of the B.P. will follow the style adopted for the current edition, the main titles being in English. Latin and abbreviated Latin subsidiary titles will be included only where there is a strong difference between words in the two languages and Latin subsidiary titles will not appear where the difference between Latin and English forms is trivial. The Council agreed that those arrangements made by the Commission would meet the practical needs of those who wished to have Latin titles for the drugs and preparations in the B.P.

factory, and in the main were similar to previous years. The examinations had been well conducted and the questions had been searching but fair, and the examiners had carried out their duties with their customary conscientiousness.

### Cover for Exporters

IMPROVED TERMS FROM APRIL 1

THE Export Credits Guarantee Department is making available a completely revised form of cover against payment risks to exporters of goods sold on terms of payment up to two years' credit. The principal changes, which operate from April 1, are:

Once shipment has been made E.C.G.D. pays 95 per cent. (hitherto 90 per cent.) of all specified losses outside the control of buyer or seller.

Claims arising out of "transfer" or "political" risks (e.g. blockage of exchange by buyer's government) will be settled after four months (hitherto six); claims due to default on goods accepted will be paid after six months (hitherto twelve).

For the first time limited cover will be given on default by the buyer before acceptance of the goods. Under that heading the exporter bears a first loss of £20 on every £100 of invoice price: E.C.G.D. then bears 85 per cent. of any loss within the next £40.

## Science of Detergents

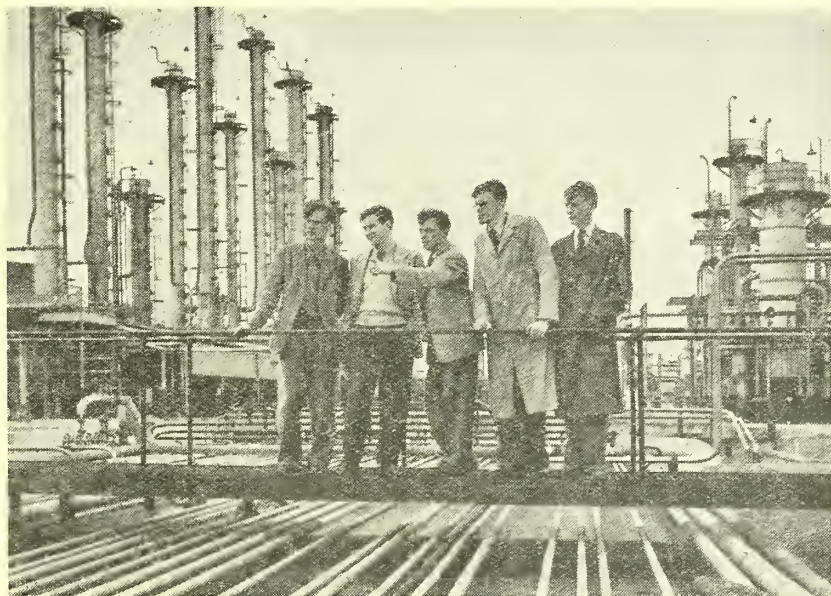
INTERNATIONAL CONGRESS IN LONDON

THE second international congress on surface activity is being held in London, April 8-12. The congress includes a comprehensive programme of lectures arranged by a committee under Dr. J. H. Schulman (head of the department of colloid science, Cambridge University). Authors of the papers come from eighteen countries. About 190 papers on the chemical and physical action of detergents and on allied research problems are being delivered. Honorary president of the conference is Lord Brabazon of Tara and the president is Sir Eric Rideal. Proofs of the papers are being made available to

## Weakness in Biology

PRIVY COUNCIL VISITOR'S COMMENTS

STUDENTS taking the Intermediate examinations held by the English Board of examiners of the Pharmaceutical Society during 1956 were weak in the subject of biology. In his recently published report on the examinations Dr. G. Roche Lynch (Privy Council visitor to the examinations) comments that "the statistics still show a relatively poor number of passes in biology, which I have had to call attention to on many previous occasions." The report shows that of 502 candidates who sat for the biology examination, 212 passed and 290 (57.77 per cent.) were rejected. That compares with failure rates for physics and chemistry of 37.29 per cent. and 36.17 per cent. respectively. Dr. Lynch also draws attention to the fact that none of the eight candidates was successful in the special examination in practical pharmaceuticals and forensic pharmacy for persons holding a diploma granted outside the United Kingdom, for registration as a pharmaceutical chemist (under law 18 of the Society). Figures for the Qualifying examination were satis-



VACATION COURSES FOR UNIVERSITY STUDENTS: Six-week courses open to students of chemistry, physics, chemical and mechanical engineering, metallurgy and biology are being made available in the long vacation (July 1 to August 9; August 12 to September 20) by Shell Petroleum Co., Ltd., 1 Kingsway, London, W.C.2. All classes of student in the faculties mentioned (including post-graduates) are eligible to take part, provided that they have not left the University before the course begins. They are practical instruction courses (not "holiday relief" posts) designed to give practical experience in the oil industry.



members of the conference. Membership costs £4. Secretary of the conference is Lieutenant Colonel F. J. Griffin, 14 Belgrave Square, London, S.W.1.

## Poliomyelitis Vaccine

### DISTRIBUTION RESTARTED

DISTRIBUTION of poliomyelitis vaccine has been restarted. Examination of all containers in a batch of poliomyelitis vaccine withdrawn after a discoloration appeared in the material (see *C. & D.*, March 2, p. 229) has shown that faulty containers were responsible, with consequent contamination of their contents. This discoloration was found to be caused by the non-pathogenic organism *Pseudomonas fluorescens*. Purity tests were repeated for the remaining vaccine. Those have shown satisfactory results.

## IRISH NEWS

### THE NORTH

## Ulster Chemists

### MONTHLY MEETING OF EXECUTIVE

THE executive committee of the Ulster Chemists' Association met in Belfast on March 5, Mr. M. C. Mooney (president) in the chair. A report on the meeting of the Chamber of Trade, held to consider the recent revaluing of premises in Northern Ireland, was given by Messrs. J. Caldwell and H. W. Gamble, who had attended on behalf of the Association. At that meeting vigorous opposition had been voiced, and a resolution had gone forward to the area council asking that the new valuations should be postponed for three years, and that the area council should call an early meeting of all traders at which Members of Parliament should be invited to attend. The committee considered a letter from the North-east Ulster Chemists' Association which drew attention to the difficulty experienced by pharmacists when certain manufacturers changed the appearance of proprietary tablets. It was felt that the manufacturer should put special labels on the bottles, or should write a letter that each pharmacist might show to patients who would not

otherwise be convinced that they were receiving the correct tablets. Particular awkwardness arose when both styles of tablet were available in different pharmacies. A resolution from the same Association asked that each County Health Committee should be informed that child-welfare clinics and welfare officers should not be used by manufacturers either to advertise their products or to direct members of the public to purchase those products from a particular shop. THE SECRETARY explained that the resolution sprang from the fact that some manufacturers had placed special-offer vouchers in the welfare clinics which, when issued by the officers, directed mothers to particular pharmacies. Some of the medical officers disapproved of such practices. The secretary was instructed to write to all the county committees protesting against the scheme. Complaints of price cutting on certain proprietary goods were received, and the secretary was instructed to investigate them and report to the manufacturers concerned, and (with P.A.T.A. goods) to the Proprietary Articles Trade Association. Discussion took place on points arising from the recently held special general meeting of members, at which certain amendments to the Association's rules (as set out on the agenda sent to each member) were adopted. The following were elected to membership:— Miss A. C. Hayes (successor to Rosetta Pharmacy, 567 Ormeau Road, Belfast); Mr. T. F. Muldrew (successor to Johnston's Pharmacy, Irish Street, Downpatrick, co. Down). A number of employees, whose applications had been approved at a previous meeting of the Associates' Committee, were elected to Associateship.

Also present were Miss C. E. Culbert, J.P., Messrs. H. S. Anderson, N. A. J. Anderson, W. H. Boyd, J. A. Brown, J. Caldwell, H. W. Gamble, O.B.E., R. Gibson, O.B.E., T. A. Gibson, C. L. Gordon-Rattie, W. S. Hall, W. L. McDonnell, R. A. McEwen, J. McGregor, W. J. Moffett, W. J. Rankin (treasurer), A. Steede, A. Templeton, J.P., J. C. Wellwood, the secretary (Miss A. E. Strachan). Apologies were received from Messrs. J. C. Acheson, H. G. Campbell, W. R. McNabb, J. Paul, C. A. Quinn.

## Chemists Federation

### NORTHERN IRELAND COMMITTEE

AT a meeting in Belfast on March 8 of the Northern Ireland C.F. Committee, Mr. W. S. Hall (chairman) presiding, Mr. R. J. Jeffers (Allen & Hanburys, Ltd.) was re-elected manufacturer representative on the committee for a further period of two years, and Thomas McMullan & Co., Ltd., were elected wholesaler representative. The constitution of the committee for the year is as follows:—*Retail Representatives:* Messrs. J. Caldwell, C. L. Gordon-Rattie, W. J. Moffett, M. C. Mooney; *Manufacturer Representatives:* Messrs. C. J. Hall (Evans Medical Supplies, Ltd.) and R. J. Jeffers (Allen & Hanburys, Ltd.); *Wholesaler Representatives:* Fred Storey, Ltd., and Thomas McMullan & Co., Ltd. The following office-bearers were appointed: *Chairman*, Mr. C. J. Hall; *Vice-chairman*, Mr. J. Caldwell; *Secretary*, Miss A. E. Strachan. THE CHAIRMAN (Mr. W. S. Hall) expressed pleasure at hav-

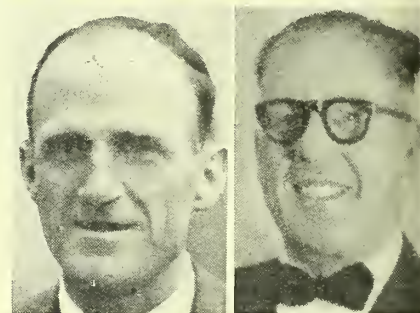
ing Mr. Fred Storey, C.B.E., back again on the committee and looking so fit and well after his accident and subsequent illness. He also welcomed Mr. M. C. Mooney (president, Ulster Chemists Association) to the committee. Tribute was paid by Messrs. W. S. Hall and J. Caldwell to the keen interest taken by Mr. H. Mitchell (retiring wholesaler representative) during his term of office and to his services to the committee. Reports of leakages of C.F. goods were investigated. The secretary was instructed to approach the secretaries of the local associations of the U.C.A. about forming local action groups throughout the area.

## THE REPUBLIC

## Elected to Dail

### SUCCESSFUL PHARMACIST CANDIDATES

OF the five pharmacists standing as candidates in the general election in the Republic of Ireland on March 5 (see



Mr. F. Loughman

Mr. P. A. Brady

*C. & D.*, March 2, p. 243) two were successful. They were Messrs. Philip A. Brady elected for Dublin South Central and Frank Loughman for Tipperary South. Both are members of Mr. de Valera's Fianna Fail party which gained an outright majority and both are members of the Council of the Pharmaceutical Society of Ireland, and as such are in a particularly strong position to assist in the passage of the proposed Pharmacy Bill. Mr. Loughman is an experienced member of both Houses of the Oireachtas, and Mr. Brady was a member of the Dail from 1951 to 1954. Both have their own pharmacies.

## Poisons Offences

### PHARMACY ACT FINE

AT the district Court, Galway, Eire, recently, Mrs. Kathleen Finnerty, 78 College Road, Galway, was prosecuted at the suit of the Pharmaceutical Society of Ireland for breaches of the poisons law. She was summoned with selling, while not legally qualified to do so, codeine (in Pulmo Bailly) contrary to Section 30 of the Pharmacy Act, 1875 (two charges); codeine in Veganin tablets; ephedrine (Endrine). The boxes, bottles, wrappers or covers in which the poisons were contained were, it was alleged, not labelled with the name and address of the seller. All the offences were alleged to have been committed on November 6, 1956. Mr. John J. Gaynor, who appeared for the Pharmaceutical Society, said that the Society's inspec-



Mr. M. C. Mooney (president, Ulster Chemists' Association) and Mrs. Mooney.



tor called at Mrs. Finnerty's shop and saw many different medicines being sold. He purchased each of the preparations named in the summonses. The Society took the view that it was their duty to protect the public, and to see that people selling poison knew what they were doing. Mrs. Finnerty was not entitled as an unqualified person to sell any preparations containing poison. Defending solicitor said that it came as a surprise to him that some of the medicines could be sold only by chemists. If a person wanted to kill himself with Endrine nasal drops he would have to take a few bottles of it, since the poison content was negligible. To the ordinary person the products were harmless. Describing the present poison laws as "a bit archaic," Mr. Gavin said, "It is a hardship on people in outlying areas if they cannot purchase such medicines for a sick child, I am sure it was never the intention of the Legislature that people should be prevented from getting something beneficial." He added that Mrs. Finnerty did not know she was committing an offence. Her annual turnover from the sale of those preparations would scarcely amount to £1. Mr. Gaynor said that the Act specifically laid down that nobody but a qualified person could sell poison, and the prosecutions were brought to ensure that only qualified persons did so. Mr. Justice Burke imposed a fine of £5 on the first summons; the remaining three were marked proved and dismissed under the Probation Act, £2 2s. costs was allowed on each summons.

## NEWS IN BRIEF

A COMMITTEE to review present practice in diagnostic radiology and in the use of radiotherapy in non-malignant conditions has been set up by the Minister of Health.

A DEPUTATION from the United Commercial Travellers' Association on petrol rationing was received by Mr. Maudling (Paymaster-General) on behalf of the Minister of Power on March 7.

A TRADING increase of 17.4 per cent. was reported at the annual meeting of National Co-operative Chemists, Ltd., held in Manchester recently. Eight new branches had been opened, and the value of the year's trade totalled £668,289.

MANCHESTER Regional Hospitals joint advisory committee of pharmacists and supplies officers is increasing the number of items purchased under contract from eighty-eight to 151, and extending the period of the contracts from six to twelve months.

In the article "Pharmacy and the State of Ghana" (*C. & D.*, March 9, pp. 275-278) the captions to the two lower photographs on p. 277 were inadvertently transposed. "A drug store at Accra" should read "An African pharmacy" and vice versa.

THE Association of British Chemical Manufacturers has set up a packaging committee to watch the interests of the chemical industry. The committee is not providing a consultative service but will co-operate with the British Standards Institution and with similar groups in other industries.

# TOPICAL REFLECTIONS

By Xrayser

## *Harbingers of Summer*

There are various signs that the year is advancing, and that we are on the threshold of spring. Daylight is perceptibly lengthening; the birds are mating; the trees are showing new life, and the maculate are asking for sulphur and treacle. If any further proof were needed, it is to be found in THE CHEMIST AND DRUGGIST Photographic Supplement in last week's issue. All of these, as Gilbert says, "breathe promise of merry sunshine," and both the photographer and his dealer will hope that this year will produce more than a mere promise. You rightly emphasise the value of the "gadget" for additional sales to the enthusiast, and a perusal of the pages devoted to such things as lens hoods, filters and focusing aids indicates the range of appliances now available. There are a constantly increasing number of "serious" amateurs who have spent quite a large sum in procuring a good camera, and anything which is likely to assist in getting the best results from an expensive instrument has an instantaneous appeal. I have always found it worth while to have a selection of my own photographs in the pharmacy, and it is good policy to spend an occasional half-day photographing the less orthodox local views.

## *Bizarre*

I read with great interest the account given by Dr. Harold Davis of his visit to West Africa (p. 274 *et seq.*). Allowing for differences in the habits of a people which buys its wares in an open market instead of in thousands of shops of different sizes and descriptions, the thought occurred that there is perhaps not such a big discrepancy between us as might appear at first glance. The difference between the small native girl selling proprietary medicines in her bazaar, and the young girl just left school at the counter of one of our own "civilised" bazaars is really not so strongly marked. Neither has any knowledge of the goods sold. I note that Dr. Davis writes that the position can be eased on the Gold Coast by future legislation, and that the problem is relatively easy. We may yet learn a lesson from West Africa.

## *A London Dispensary*

Owing to a surplus of topics a week or two ago—a complaint somewhat rare in the life of a weekly columnist—I had to postpone comment on the subject of the closing-down of the Westminster Dispensary. The secretary was reported as saying that the impact of the Welfare State scheme had affected the work vitally. In a way it surprised me to learn that the Dispensary had managed to survive during eight years of the National Health Service. The need for dispensaries for the poor and needy virtually disappeared with the extension of the National Health Service into a comprehensive service covering the whole population, and, while one has a respect for tradition, it was inevitable that the end should come. In saying that I have no desire in any way to belittle the value of a charitable institution which has had a long and honourable record of medical care amongst the poor at a time when little was done for their welfare. Indeed, but for the sympathy of a group of public-spirited citizens, a section of the community would have fared badly. Most of our cities had a replica of the Soho conditions, and much time was given ungrudgingly by physicians and surgeons of repute. So long as that went on, and money was forthcoming, the nation was in a position to still its conscience. It may even be that, but for the service of such dispensaries, the State would have had to interest itself much sooner in the medical needs of the population as a whole. Much useful work was done in the training of students, under difficult conditions, and the dispensaries were appreciated by a financially straitened minority. Despite the improved conditions of today there are many useful ways of spending the trust funds. The lady pharmacist who has been associated with the work over the long period of forty years will carry many memories into her retirement.



# A PHARMACEUTICAL SOCIETY OF SCOTLAND?

## Mr. Macfarlane proposes "big umbrella" to shield Scottish pharmacists

THE formation of a Pharmaceutical Society of Scotland was urged by Mr. C. W. MACFARLANE (a former member of the Pharmaceutical Society's Council) when he addressed a meeting of the Stirling and Central Scottish Branch of the Pharmaceutical Society recently.

### Compactness Plus Independence

The professional and commercial interests of Scottish pharmacists, he felt, should be controlled by one council of Scotsmen in Scotland under the "very big umbrella" of a Scottish Society. A Scottish Society would be small enough to be a compact body, yet large enough to be independent and of use to pharmacy throughout the world.

Mr. Macfarlane said that ten years ago when he put the motion "Do we require a Pharmaceutical Society of Scotland?" before the North British Executive he got a seconder, a sympathetic hearing and nothing more.

While his thoughts on the subject were vastly different from those of ten years ago his conclusions remained unchanged. Examining the situation from a purely pharmaceutical angle Mr. Macfarlane said that unlike the North British Executive, the Scottish Department was at least on a secure foundation. The North British Executive owed its existence to a resolution in Council that could have been rescinded at any Council meeting. Though the position of the Scottish Department was secured by Section 16 of the Supplementary Charter 1953 and Section XXIII of the by-laws, it had little real authority. It could only recommend, and if it disagreed with Council policy it had no power to prevent that policy being enforced. That was the constitutional position, although in his experience as a member of Council, the views of the Scottish Executive had been asked on matters of policy before the Council reached a decision. On more than one occasion the Scottish view had influenced the final decision.

The functions of the Scottish Department were the management of the Society's House in Edinburgh, the provision of facilities for the conduct of examinations by the Board of Examiners for Scotland and for the conduct of other examinations by the Society in Scotland, the nomination of persons for appointment as members of the said Board, the arrangement of meetings in Scotland for the advancement of the objects of the Society, the organisation and supervision of the local branches of the Society in Scotland, and the making of recommendations to the Council upon any matters affecting the Society and its members. The Executive could only nominate persons for the Scottish Board of Examiners, and the nominations had to be approved by the Society's Council before being sent to the Privy Council for its sanction. The apparently wide scope of the clause for the making of recommendations to the Council upon any matters affecting the Society and its members in reality conferred no greater privilege on the Scottish De-

partment than was granted to the branches of the Society or to the meetings of Branch Representatives, where a motion, even if supported by the majority, was not binding on the Council. Even when a new branch was formed in Scotland, it had to be approved by Council.

It could readily be seen how little control Scotland had over Scottish pharmacy, and what he wanted to see was Scottish pharmacy controlled by Scotsmen who knew and understood the conditions of Scottish pharmacy. He said that with very great deference to his former colleagues on the Council, the majority of whom freely admitted they did not understand Scottish conditions.

The difficulties to be overcome were formidable. First would be the apathy of the Scottish pharmacists, for at the last election of the Scottish Executive only 26 per cent. of the members voted. The next difficulty would be getting an Act of Parliament to enable a Society to be set up in Scotland.

Was the Society to be based on the present structure of the Pharmaceutical Society of Great Britain; to follow the example of Northern Ireland; or to try and construct a Society on different lines from either of those bodies?

In Northern Ireland the Society did not carry out the requirements of the Pharmacy Act; that was done by the Government, who appointed inspectors. The Pharmaceutical Society of Great Britain appointed its own inspectors and saw to the carrying out of the Pharmacy Acts. In Britain the Pharmaceutical Society of Great Britain acted as the professional body, controlling the policy of education, enforcing the legal requirements and developing a standard of ethics. In England the National Pharmaceutical Union looked after the commercial interests of its pharmacist members and took a major interest in negotiating the terms of service for chemist contractors under the National Health Service. In Scotland the Pharmaceutical Standing Committee was recognised as the body representing the interests of Scottish chemist contractors, and the Scottish Pharmaceutical Federation was concerned with trade interests.

### Both Sides of the Picture

The Pharmaceutical Society of Great Britain had a large publishing department, and a vast amount of really worthwhile work was done in the laboratories, the museum and the library of the Society. If a Society in Scotland were formed they would be turning their backs on all that and he mentioned that point as he wanted to give both sides of the picture. Yet the laboratories in York Place, Edinburgh—equal to any in the south—were only used for examination purposes. Incidentally 56 per cent. of all the candidates for the Pharmaceutical Chemist examination held in July 1956, were examined at York Place.

The Society had looked after professional interests and other bodies had acted for commercial interests since the Jenkin case, when it was ruled that

it was not within the powers of the Society to interest itself in the business side of pharmacy. That might have been applicable thirty years ago, but why should it be accepted today?

He would like to see in Scotland a Society set up entirely free from any other Society and embracing all interests and sections of Scottish pharmacy. In the reasonably near future, Scottish pharmacy was going to be faced with a very serious problem. The work of the Standing Committee had increased tremendously since the inception of the National Health Service and Scottish pharmacists had been more than fortunate in having some degree of unification in the administration of the Standing Committee and the Society.

### Separation or Fusion

He foresaw, however, that in a short time the two posts would have to be separated or fused into a bigger body. That was why they should try to form a Scottish Society. Scottish pharmacists would have been in a sorry state at the beginning of the National Health Service if they had not had their own negotiating committee and he hoped that Scottish pharmacy would never lose the right to do her own negotiating.

The speaker thought that reciprocity agreements would not be difficult to achieve. Finance was a different problem. The number of pharmacists resident in Scotland was roughly 11 per cent. of the membership of the Society, and, if Bloomsbury Square could be persuaded to part with 10 per cent. of the total assets of the Society, and he was not so naïve as to assume that that would be easily accomplished, a Scottish Society would have no financial problems. On the assumption that the Scottish Pharmaceutical Society would be empowered to look after the professional interests of the pharmacist, the interests of the chemist contractors under the National Health Service and the commercial interests, the annual income would require to be not less than £20,000, and that would necessitate an annual membership fee of £5 5s. and an annual premises fee of £2 2s. In recent years the number of students resident in Scotland who had registered with the Society has been approximately 100 per year. It would be necessary to continue to attract entrants to pharmacy to maintain that number, which would be essential to meet pharmaceutical requirements in Scotland. A Scottish Society would include all pharmacists resident in, or practising pharmacy in, Scotland, and take care of the professional and business interests of those pharmacists. A Scottish Society could lay down a rule on professional duties that would be applicable to the whole country. In negotiations the Society would speak for all pharmacists. The pharmacist would be directly responsible to the Society for the conduct of a pharmacy.

It was suggested that a plebiscite to Scottish pharmacists on the subject of a Scottish Society might be taken, first of all in a trial area.



# NATIONAL PHARMACEUTICAL UNION

## Monthly meeting of Executive

MEETINGS of the Executive of the National Pharmaceutical Union and of the directors of the Chemists' Defence Association, Ltd., were held in London on February 27, Mr. Allen Aldington in the chair. Apologies for absence were received from Messrs. Brocklehurst and Hughes. Tributes were paid to the memory of the late Miss B. Sharples (see p. 295).

The Executive confirmed the appointment of Mr. H. D. R. Matthews, M.P.S., to a senior administrative position with special responsibilities in connection with the work of the Marketing Policy Committee.

### Shops Bill

It was reported that the Pharmaceutical Society and the N.P.U. had made joint representations to the Home Office to amend Clause 41 of the Shops Bill on the ground that otherwise the discharge of professional responsibility for the provision of pharmaceutical services on Sundays under official National Health Service rota arrangements would not be practicable.

### National Health Service Matters

Arising out of a report on the Government's intention to set up a Royal Commission to inquire into the remuneration of medical practitioners and

dentists under the Health Service, the Central N.H.S. (Chemist Contractors) Committee resolved:

THAT the Minister of Health be informed that chemist-contractors are faced with the same basic problem as are general medical practitioners; that the Whitley Council machine is regarded as quite unsuitable for settling the proper level of professional remuneration, and that whatever alternative machine is found to be necessary for dealing with the professional interests of general medical practitioners and of dentists should also be made available to chemist-contractors.

It was agreed to convene a meeting of the Rural Area Pharmaceutical Committee to examine further the possibilities of securing a modification of the present "mile-limit" arrangement for dispensing in rural areas.

Strong criticism was voiced at the fact that a revised form EC57 (receipt for prescription levy charges) has not yet been issued by the Ministry. Members noted the explanation that the hold-up was due to practical difficulties affecting the Post Office. It was decided to inform the Ministry that further delay in the issue of revised receipt forms could not be contemplated, and that, if practical difficulties could not be overcome quickly in any other way, receipt

forms should be issued in which the chemist contractor should insert, in figures, the amount of the charge paid.

The Executive agreed that, the British Pharmaceutical Codex assay methods having been revised, mist. sod. salicyl. and mist. colch. et sod. salicyl. should be restored to the list of preparations suitable for testing under the Scheme for the Testing of Drugs and Appliances. The impending revision of the Drug Tariff dispensing-fee scale was discussed, and it was agreed to seek up-to-date information on the frequency of prescribing of certain broad classes of preparations from a representative selection of chemists, and with the co-operation of the local Pharmaceutical Committees. On the main claim for improved remuneration for pharmaceutical services under N.H.S., it was reported that, following discussions between the accountants acting for the Ministry and for the Contractors' Committee, a formal request had been submitted to the Ministry for a limited form of survey into dispensing costs to obviate the necessity of a full-scale inquiry, with all its attendant delays in reaching a settlement.

### Election of Members

Twenty persons and firms who had applied to the N.P.U. since the January meeting were accepted into membership.

## STATUTORY COMMITTEE

### Importance of fourth schedule regulations stressed

IT was important that every pharmacist should realise that to dispense a fourth schedule poison without a prescription was conduct which might lead to the removal of his name from the register, said SIR DAVID CAIRNS, Q.C. (chairman of the Statutory Committee of the Pharmaceutical Society), at a meeting of the Committee in London on March 6. Appearing before the Committee was Mr. Percy Clarence Harris, M.P.S., High Street, Droitwich, Worcs, who had been convicted of selling schedule 4 poisons not on a prescription and contrary to the Pharmacy Acts.

Indicating that no further action would be taken, the chairman said that the Committee was satisfied that what was done was a mistaken effort to be kind to a friend. The Committee regretted, however, that the drugs had been supplied over a two-and-a-half year period although at the same time they took into account the fact that originally there was a doctor's prescription and there was no reason, so far as Mr. Harris knew, why the patient, if she had gone to another doctor, would not have been able to get further prescriptions of the same drug.

SOLICITOR for the Pharmaceutical Society said that an elderly Droitwich woman, Mrs. Cheston, had been in indifferent health and until December 1954 had attended a Dr. F. Spalding, Worcester, who had prescribed for her capsules which contained sodium

Amytal and tablets which contained phenobarbitone. The doctor stopped attending Mrs. Cheston in December 1954, and she had no attention from any other medical practitioner. On August 12, 1956, Mr. Cheston found his wife was dead. By the bedside were two boxes containing tablets and capsules, and on the lids of the boxes were labels bearing the name and address of Mr. Harris. The cause of death was found to be barbiturate poisoning, coupled with a bronchial infection, and an open verdict was recorded at the inquest. In the statement to the police, Mr. Harris said that in January 1954 he had supplied to Mrs. Cheston capsules on a prescription issued by Dr. Spalding, and which bore the words "repeat once." As the Chestons were friends of his, Mr. Harris repeated the prescription at Mr. Cheston's request from January 1954, for a period of about two-and-a-half years until July 1956. He had also supplied other tablets at intervals on a prescription, issued in 1954, bearing the words "to be repeated twice." Mr. Harris had pleaded guilty at Droitwich magistrates' court to two summonses of selling drugs not on prescription and was fined £5 on each, with £6 6s. costs. Solicitor for the Society pointed out to the Committee that when the case was presented to the magistrates he (solicitor) had emphasised that it was not the desire of the Council to give the impression or to suggest that the death of Mrs. Cheston was a fault of Mr.

Harris. Everyone concerned had agreed that, had Mrs. Cheston gone back to Dr. Spalding, or any other doctor, she would have obtained prescriptions for those sedative drugs. Mr. Harris was highly respected in Droitwich and had, in fact, been mayor of the town.

COUNSEL for Mr. Harris, said that Mrs. Cheston, a lady of seventy-six, decided that she did not want to be treated by Dr. Spalding any more. What happened was that Mr. Cheston would go along and ask Mr. Harris if he could supply some of the same tablets as Dr. Spalding had prescribed. Mr. Harris foolishly supplied those tablets although he had frequently told Mr. Cheston that it would be far better if Mrs. Cheston were to see another doctor. Mr. Harris was chairman of the Worcestershire Branch of the Pharmaceutical Society and a member of the Worcestershire Pharmaceutical Committee.

[As the name of the pharmacist was given in a national newspaper there seemed no point in adopting our usual practice of withholding names when no disciplinary action is taken.—EDITOR.]

No further proceedings were taken against a member who first appeared before the Committee on March 7, 1956, following a conviction for which he was fined £50. The decision was reached after the Committee had considered medical reports and information given by several pharmacists.



## COMMUNICATION THROUGH ART

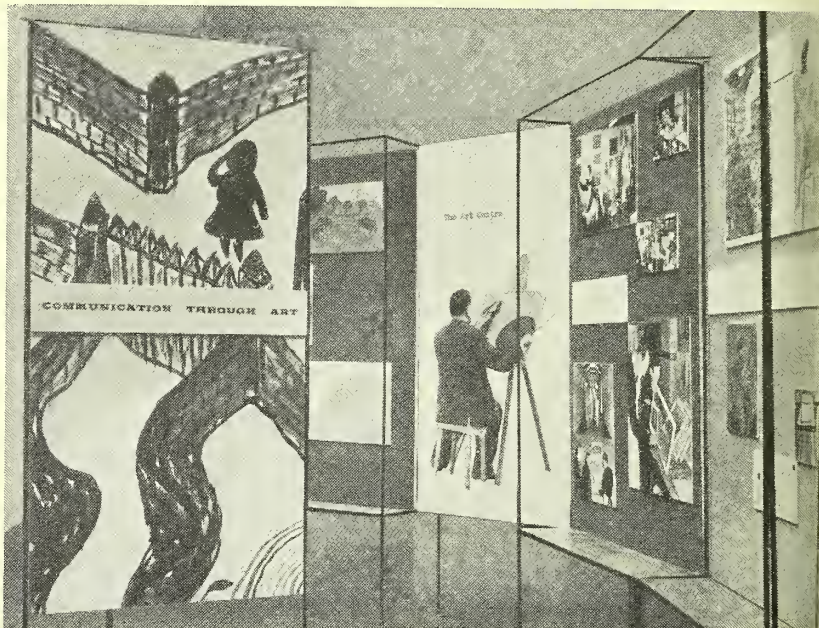
### A pharmaceutical manufacturer sponsors an exhibition of paintings

"AS mental illness, perhaps more than any other, isolates the patient from his fellow men, any means by which he may be able to share his experience can lead us to a better understanding of his problems." Those words, written by the art therapist at a nationally known mental hospital, introduce and epitomise an exhibition which, through the good offices of Wm. R. Warner & Co., Ltd., was staged recently at the Royal College of Surgeons, London, and is available for showing elsewhere.

All the exhibits were painted, by way of occupational therapy, by patients in mental hospitals. Painting is often a peculiarly suitable means of communication to the mentally ill, who may not be able to make use of other forms of self-expression. Painting, indeed, may enable the patient to break out from his isolation.

The exhibition, an impression of which is given in one of the illustrations, displayed representative examples of the work untrained patients in mental hospitals may produce given adequate facilities and some guidance and encouragement from a sympathetic art teacher.

The purpose of the exhibition is to



The exhibition shows groups of paintings by a number of patients. Within some sequences it is possible to discern progress from a closed-in loneliness to a freer, more related, happier state of mind.



Painted by a patient who had lost contact with the world at large, the left-hand picture is an abstract pattern, crude and violent in colour and lacking form and cohesion. Right: A later painting by the same patient. Hard outlines and flat patterns have given way to an impressionistic treatment that conveys the essence of the subject devoid of any obsession with detail.



Patients at a mental hospital make free use, under the guidance of an art therapist, of modern studio equipment. "The discovery of a new interest, or even of a hitherto unsuspected talent, may prove to be the cornerstone around which to start rebuilding a damaged personality."

enable psychiatrists who may not yet have used painting as a means of therapy to assess its possible value to their own patients. The exhibition is being kept in being for some months, and restaged at a number of provincial centres. Information about subsequent showings may be obtained from the company at Power Road, London, W4.

## DOCTORS' PAY CLAIM

### Royal Commission a threat?

THE appointment of the Royal Commission on doctors' remuneration would intensify the decline of the professional classes in social and economic status said DR. S. WAND (chairman of council of the British Medical Association) at a Press conference on March 7. In it he saw a "threat to every professional worker in the country" for what the Royal Commission could do to a profession such as medicine it could do to other professions.

Normally Royal Commissions were given very wide terms of reference, but the present terms of reference were clearly designed to prejudge the very issues which were in question. The doctors had asked to be allowed to discuss the terms but were refused. The Royal Commission was not a machine to determine a medical pay claim, and the broader issue was most important. The doctors were promised before they entered the Health Service that "Spens" was to be the basis of their financial status. Instead of allowing the doctors' financial reward to be looked at, as Spens did, in relation to society as a whole, however, the Royal Commission was instructed expressly to confine the comparison to the remuneration of other professions besides doctors and dentists; other members of the medical and dental professions and people in



gaged in occupations connected with medicine and dentistry.

By prescribing the conditions which were assumed to be relevant to doctors' remuneration, the very issue which ought to be left to the Royal Commission to consider was to be prejudged.

The whole purpose was to put the professions, not only medicine and dentistry but other professions also, into a self-contained group and to exclude considerations of the relationship between that group and other sections of the community. "One can only assume," continued Dr. Wand, "that the intention of the Government is that the doctor, the dentist, the parson, the lawyer, the teacher, the architect, the en-

gineer, all the traditional professions, are to be encouraged to argue among themselves about what their relative financial rewards should be."

The anxiety amongst other professions was indicated by comment from a distinguished professional man in another sphere who said that the general implication of the Royal Commission's terms of reference was to put all professions into one boat in the expectation that it would sink. The situation was extremely serious, said Dr. Ward, and it was not possible to say whether the medical profession would co-operate with a Royal Commission with such terms of reference imposed by the Government.

## WHAT IS A HABIT-FORMING DRUG?

### Expert committee offers definition

THE seventh report of the World Health Organisation's expert committee on addiction-producing drugs was published in Geneva on March 11.

The report states that the committee believes that tranquillisers and ataraxics must be classed as potentially habit-forming. It is pointed out that some evidence has been presented that, under conditions of excessive use, a characteristic withdrawal syndrome can appear. In that respect the tranquillisers and ataraxics resemble the barbiturates, says the report, and should be subjected to national control. Their continuing clinical use should be followed closely for an eventual evaluation of their relation to public safety.

It is argued in the report that the time is ripe for emphasising again the distinction between "addiction" and "habit" and the strict application of the terms "addiction-producing" and "habit-forming" that there may be appropriate warning on labels and in literature, so that the occurrence of abuse may be watched for and guarded against.

A habit-forming drug is defined in the report as one which produces habituation (habit) but not addiction when used continuously at about the usual therapeutic dose level. Some habit-forming drugs, when used excessively may produce a true physical dependence (addiction), superimposed upon a psychic dependence. The Committee recommends that the terms "habit-forming drug" and "drug habituation" and "addiction-producing" and "drug addiction" should be used in compliance with their established definitions in all literature, including warning labels.

### Criteria Determining Habituation

On the question of the establishment of criteria by which the development of habituation may be determined, the Committee suggests that a questionnaire could be developed to be filled periodically during administration of the drug and of a placebo which would throw light on the presence of psychic dependence.

The following definitions are given in the report:—

**DRUG ADDICTION:** Drug addiction is a state of periodic or chronic intoxication produced by the repeated con-

sumption of a drug (natural or synthetic). Its characteristics include:

- (1) An overpowering desire or need (compulsion) to continue taking the drug and to obtain it by any means.
- (2) A tendency to increase the dose.
- (3) A psychic (psychological) dependence on the effects of the drug.
- (4) Detrimental effect on the individual and on society.

**DRUG HABITUATION:** Drug habituation (habit) is a condition resulting from the repeated consumption of a drug. Its characteristics include:

- (1) A desire (but not a compulsion) to continue taking the drug for the sense of improved well-being it engenders.
- (2) Little or no tendency to increase the dose.
- (3) Some degree of psychic dependence on the effect of the drug, but absence of physical dependence and hence of an abstinence syndrome.
- (4) Detrimental effects, if any, primarily on the individual.

The Committee is of the opinion that national control measures for bar-

biturates are sufficient at the present time but need close attention and in some instances definite strengthening.

### Heroin Not Indispensable

The Committee again states in its report that diacetylmorphine is not indispensable and urges continuation of all possible measures, consistent with effective clinical practice to bring about the replacement of diacetylmorphine by other agents which may be used with less risk to public health.

The Committee has decided that action on request from the Swiss Government for the exemption of (+)-3-hydroxy-N-phenethylmorphinan from the obligations of the International Conventions on Narcotic Drugs must be deferred pending availability of further evidence of the absence of addiction liability and of the impracticability of racemisation or conversion to the optical form having addiction liability.

The Committee believes that the addiction liability of 3-piperidino-1,1-di-(2'-thienyl)-1-butene would be comparable to that of morphine. At the same time the Committee suggests that direct evidence on the addiction-producing properties of the drug should be sought if clinical application of the compound is intended.

The report says that 1-[2-(*p*-aminophenyl) - ethyl] - 4 - phenylpiperidine-4-carboxylic acid ethyl ester, designated also 1 - [2 - (*p* - aminophenyl) - ethyl]-4-carbomethoxy-4-phenyl piperidine and  $\alpha$  - 1 - methyl - 3 - ethyl - 4 - phenyl - 4 - propionoxypiperidine (alphameprodine) must be considered addiction-producing drugs comparable to morphine and they and their salts should come under the 1931 Convention for the drugs specified in Article 1, paragraph 2, Group 1.

Compilation of a bibliography of drug addiction is being started by the Committee.

## IN PARLIAMENT

### BY A MEMBER OF THE PRESS GALLERY, HOUSE OF COMMONS

MR. W. J. TAYLOR (Parliamentary Secretary, Ministry of Supply) told MR. N. N. DODDS, in a written answer on March 11, that since January 1, 1956, 7,513,580 razor blades had been sold at public auctions for £3,680. They were bought during the 1939-45 war and it was not now possible to ascertain what the original cost had been.

### Cost of Prescriptions After Levy

MR. DENNIS VOSPER (Minister of Health) told MR. A. BLENKINSOP, in a written answer on March 11, that he did not think that a special inquiry into the cost of prescriptions following the introduction of new charges in December 1956 would be likely to add to the information available in the ordinary course from pricing returns and the regular analysis of a representative sample of prescriptions.

### Cortisone Preparations

MR. A. BLENKINSOP asked the Minister of Health whether his attention had been drawn to the large number of expensive cortisone preparations now coming on the market and the

advertising campaigns being undertaken in medical circles; and whether he would consider further steps to protect the public, in view of professional doubts that had been expressed about those preparations. MR. DENNIS VOSPER (Minister of Health), in a written answer on March 11 replied: Yes. Information supplied by the Medical Research Council about cortisone and its uses was circulated to doctors in *Prescribers' Notes* when the product was first released and further information on related products is under consideration for the next edition.

### Royal Commission on Doctors' Pay

MR. HAROLD MACMILLAN (Prime Minister) announced in the House of Commons on March 12 that Sir Harry Pilkington (chairman, Pilkington Bros., Ltd.) has been appointed chairman of the Royal Commission on Doctors' and Dentists' Remuneration.

### Occupiers' Liability Bill

The Occupiers' Liability Bill was read a second time in the House of Commons on March 6.



## HAIR CREAM SOLD BELOW LIST PRICE

### Prosecution fails to establish "express notice"

IN the Chancery Division, London, on March 8, County Laboratories, Ltd., Honeypot Lane, Stanmore, Middlesex, unsuccessfully applied by motion to restrain J. Mindel, Ltd., described as cut-price retailers, Lower Marsh, Lambeth, S.E., from reselling toilet articles of the company's manufacture at less than the list prices fixed as a condition of sale. The hearing was before Mr. Justice Harman.

Mr. Charles Russell, Q.C., for the plaintiffs, said the sale on the condition in question was not made direct by them to defendants, and the plaintiffs therefore relied on Section 25 of the Restrictive Trade Practices Act, 1956, which permitted them to enforce such a condition against a third party having notice of the condition. The section had come into force on November 2, 1956.

The subject matter of the proceedings was Brylcreem. Since November 2 the plaintiffs had sold that preparation invariably subject to a price-fixing condition that was published in a widely circulated retail price list (a copy of which was sent to defendants on November 23) and noted on sales invoices. "Trap" purchases of Brylcreem were made on February 4 and 22 at defendants' Lower Marsh branch, when medium-size tubs were sold for 2s. 6d. each against the fixed price of 2s. 10d. Code markings on the jars showed that they had been filled in plaintiffs' factory in 1957, which established them as sold subject to the price-fixing condition.

**THE JUDGE:** Is there not something in the Act about restrictive trade practices being *prima facie* bad?—It contains requirements concerning agreements between a number of businesses as to price maintenance. It does not directly touch an individual who says he is prepared to sell his goods to anyone on the terms that they are not to be sold for less than a fixed price. If people get together in a sort of ring and agree to quote the same price such a condition might be open to examination under the Act.

Mr. Guy Aldous, Q.C., for defendants, said the goods were purchased by them from wholesalers. Defendants did not know whether the goods had been bought by the wholesalers before or after November 2. The section of the Act applied only to goods supplied by plaintiffs after that date. There must be express notice of the condition. It was not for defendants to ascertain whether or not the goods had been sold subject to a condition. Defendants were never given express notice that the particular tubs of Brylcreem they purchased were subject to a restrictive price condition.

Mr. Russell contended that the price list sent to defendants gave them express notice that plaintiffs' goods could only be resold subject to observance of a fixed retail price. Mr. Justice Harman said the application was one to put into force a novel provision which sought to reverse the law as it stood formerly and to make restrictive conditions run with chattels. It was necessary that the person taking the chattel should have notice of the condition. He thought that notice meant express know-

ledge and not putting a person on inquiry and so fixing him with what he would have ascertained had he pushed his inquiry to its reasonable limit. The defendants were said to have committed a breach of the provision in the statute. They agreed that they had been told that the plaintiff's goods marketed since November 1956 were subject to a price condition, but they contended that they did not know that the particular jars they sold had left the plaintiffs' factory after that date. They had no express notice of the condition, because the secret mark on the jars was unknown to them and there was nothing to show them when the jars had been filled. His lordship said the section in question limited freedom of trade, and therefore he was only prepared to give it that effect which its language expressed; he was not prepared to go beyond that to produce an effect which the express language of the section did not warrant. For the purpose of the motion the plaintiffs had not satisfied him that the defendants had had notice that the jars they sold were subject to the condition, though they had had notice of the existence of the condition. They were entitled not to make further inquiries if they so chose. The plaintiffs had not proved their case and he must refuse them relief.

His lordship granted the plaintiffs leave to appeal.

Motions by Harold F. Ritchie, Ltd., and Macleans, Ltd., against the same defendants, said counsel, dealt with similar cases. They were stood over until the trial of the actions, with liberty to restore for hearing if necessary.

## COMPANY NEWS

Last year's figures in parentheses.

**MAY ROBERTS (IRELAND), LTD.**—Mr. Leslie D. Smith has been elected to the board.

**J. & E. ATKINSON, LTD.** (a subsidiary of Unilever, Ltd.).—Dividend on Ordinary 7½ per cent., free of tax, for 1956. Available net profit after tax, £42,873 (£47,427).

**COW & GATE, LTD.**—Group profit for year ended September 30, 1956, is £1,367,016 (£1,084,337) and net profit, £704,293 (£576,803). Dividend on Ordinary capital, 17½ per cent. (same).

**F. W. HAMPSHIRE & CO., LTD.**—Ordinary dividend for year ended December 5, 1956, is 16½ per cent. (same). Group trading profit is £105,220 (£117,864) and tax, £43,660 (£45,083).

**DUBARRY PERFUMERY CO., LTD.**—Consolidated net profit for 1956 is £6,556 (£15,386) after tax of £8,775 (£11,807). To general reserve, nil (£3,000); dividend, 5 per cent. (7½ per cent.).

**IMPERIAL CHEMICAL INDUSTRIES, LTD.**—Mr. H. Smith (joint managing director of the dyestuffs division since 1955) has been appointed joint managing director of the general chemicals division. Dr. C. R. Mavin (dyestuffs division production director)

has succeeded Mr. Smith as joint managing director of that division. Mr. R. S. Wright (production manager, pharmaceuticals division) has been appointed to the dyestuffs division board as production director.

**JOHN KNIGHT, LTD.** (a subsidiary of Unilever, Ltd.).—Tax-free Ordinary dividend is being raised from 35 per cent. to 50 per cent. for 1956. Net profit is £278,522 (£240,091) after U.K. tax of £295,210 (£226,149).

**COLGATE-PALMOLIVE, LTD.**—Mr. David Foster has been appointed chairman and managing director of



Mr. David Foster.

Mr. Philip Wood

Colgate-Palmolive, Ltd., and Mr. Philip Wood a director of the company.

**SOUTHALLS (BIRMINGHAM), LTD.**—A review of the company's trading in 1956 given by the chairman (Mr. C. A. F. Hastilow) with the accounts states that traditional business showed a small increase over 1955. Competition in that field, however, is keener than ever. Exports were lower. The future is uncertain owing to the recent tendency "in certain quarters towards suicidal price-cutting—a state of affairs which may well cause confusion in an industry vital to the National Health Service." For accounts see C. & D., March 2, p. 234.

**INTERNATIONAL NICKEL CO. OF CANADA, LTD.**—Net earnings of the company and its subsidiaries for the year ended December 31, 1956 were U.S. \$96,296,000, an increase of \$4,730,000 over 1955, the previous peak year. Disclosing that capital expenditures in 1957 may reach \$50 million, the annual report stated that work has already begun on a nickel mining project in Manitoba. The project together with the continued progress at Sudbury will give International Nickel an annual nickel production capacity by 1961 of 385 million lb or 100 million lb. more than the company's total 1956 nickel deliveries.

### New Companies

P.C. = Private Company; R.O. = Registered Office

**W. L. PERRY, LTD. (P.C.)**.—Capital £1,000. To acquire the business of a chemist carried on by William L. Perry, M.P.S., at Bridge Street, Haverfordwest, Pembs, etc. Directors: William L. Perry and Elizabeth H. Perry.

**TILGATE PHARMACY, LTD. (P.C.)**.—Capital £100. To carry on the business of wholesale or retail chemists, etc. Directors: William D. Crombie, M.P.S., and Eileen M. Crombie, R.O.: 39 High Street, Crawley Sussex.



**PETER MEIKLEJOHN, LTD.** (P.C.).—Capital £100. To carry on the business of chemists, druggists, etc. Directors: Peter M. Meiklejohn, M.P.S., and Ethel M. Meiklejohn. R.O.: 17 St. Paul's Square, Bedford.

**BRANSBY & SON, LTD.** (P.C.).—Capital £1,000. To carry on the business of wholesale and retail chemists and druggists, etc. Directors: Thomas A. Higson and Rupert E. T. Nichols (directors, Fallons Hall Farm, Ltd.). R.O.: 43 Station Road, Cheadle Hulme, Ches.

**H.E.B. PHARMACEUTICALS, LTD.** (P.C.).—Capital £2,000. To acquire, use and exploit the registered trade mark "H.E.B." in respect of pharmaceutical products, and to acquire the goodwill of the business of the manufacture and sale of pharmaceutical products bearing the prefix "H.E.B." Directors: David Pride (director, Pride Textiles, Ltd.), Joseph A. Cain, Emanuel Pride and Esther Pride. R.O.: 482 Stretford Road, Stretford, Lancs.

## BUSINESS CHANGES

**ANDREWS, COOKE & CO., LTD.**, 126 Notting Hill Gate, London, W.11, are removing to 15 Pembridge Road, W.11, early in April.

**EVANS, GRAY & HOOD, LTD.**, are removing their registered offices and saleroom to 110 Cannon Street, on March 16 (telephone: Mansion House 6246).

**UPJOHN OF ENGLAND, LTD.**, removed to new premises at Fleming Way, Crawley, Sussex, on March 15 (telephone: Crawley 26011). The London office is now closed.

## Appointments

**CALMIC, LTD.**, Crewe, Ches, have appointed Mr. R. G. Robson representative for their medical division in the counties of Northumberland and Durham.

**HALEX DIVISION OF BRITISH XYLONITE CO., LTD.**, Highams Park, London, E.4, have appointed Mr. M. S. R. Harlock their wholesale and retail sales representative in Yorkshire.

**ASPRO, LTD.**, Slough, Bucks, announce that Mr. D. W. H. Waite, M.Sc., A.R.I.C., has been appointed a director of Ivers-Lee (G.B.), Ltd. At the same time he has been appointed manager of A. & G. Nicholas, Ltd., and development co-ordinator for the Aspro Nicholas group of companies.

**DELAVALLE (G.B.), LTD.**, have appointed W. P. Moore & Co., 71 Botanic Avenue, Belfast, their agents in Northern Ireland. They have also appointed Mr. D. J. Dark, 6 Vernon Place, Bath, Somerset, their sales representative for Cornwall, Devon, Herefordshire, Gloucestershire, Somerset, Wiltshire and South Wales.

**BENGUE & CO., LTD.**, Mount Pleasant, Alpertown, Wembley, Middlesex, have made the following appointments:—Mr. W. J. Birch, publicity manager; Mr. A. S. Hills, medical representative in Devon, Somerset and Dorset; and Mr. W. H. Corlett, medical representative in Yorkshire, Northumberland and Durham.

## MARRIAGES

**McMULLAN — HOLDEN.** — At Woodvale Presbyterian Church, Belfast, on February 26, David Wilson McMullan, M.P.S.N.I., Mountcashel Street, Belfast, to Mary Margaret Hilary Holden, 20 Woodvale Parade, Belfast.

**COLHOUN — BARTON.** — At Clogherney Parish Church, Beragh, on March 2, Frederick Howard Colhoun, M.P.S.N.I., The Bungalow, Sion Mills, to Jean Barton, Beragh, Omagh.

**McKAY — BAUME.** — At Fortwilliam Presbyterian Church, on March 6, Samuel James McKay, M.P.S.N.I., 2 Joanmount Gardens, Belfast, to Victoria Mai Baume, 28 Dunblane Avenue, Belfast.

## DEATHS

**BARTON.** — On March 9, Mr. Leslie Jack Barton, M.P.S., 7 Faringdon Road, St. Jude's, Plymouth, Devon, aged forty-five. Mr. Barton was an apprentice to Holman, Ham & Co., Ltd., Exeter. For ten years he was a manager for Condy, U'Ren & Son at Ryder Road, Plymouth, and six years ago took over the business of Mr. R. C. Crisp, Nelson Street, Plymouth. He was a well-known figure in the West Country for pigeon racing and with his father had won many cups and prizes. He is survived by his widow.

**CROSSLEY.** — On March 3, Mr. Thomas Crossley, M.P.S., 112 Forest Road, Southport, Lancs, aged sixty-one. In February 1956, Mr. Crossley retired as manager of Boots, Ltd., Chapel Street, Southport, after more than twenty-five years' service.

**DOIG.** — At his home, Granville, Shore Road, Whitehouse, Belfast, on March 2, Mr. William Doig, M.P.S.N.I. Mr. Doig qualified in Dublin as a registered druggist in 1903, and in 1930 qualified as a pharmaceutical chemist in Northern Ireland. He carried on business for many years at Queen's Square, Belfast, but had retired for some years prior to his death. He was an active member of the Executive Committee of the Chemists' and Druggists' Society, the president of which, Mr. Fred Storey, C.B.E., attended the funeral.

**GIBB.** — In an Edinburgh nursing home on March 3, Mr. John Philip Gibb, aged eighty-four. Mr. Gibb was a former director of Raimes, Clark & Co., Ltd., Edinburgh. He joined the company's staff as office boy in 1890 and retired in December 1953. He was the last of the original directors appointed when the firm was formed into a limited company in 1908. During his long association with the company Mr. Gibb had represented it in all parts of Scotland and was particularly well known in the Highlands and Islands.

**HARRIS.** — On February 25, while on holiday in Rio de Janeiro, Mr. John G. A. Harris. Mr. Harris was managing director of the British Felsol Co., Ltd.

**ROBINSON.** — On February 15, Mr. Edward Robinson, M.P.S., 136 Haslucks Green Road, Shirley, nr. Birmingham, aged seventy-three. Mr. Robinson qualified in 1909.

**SHARPLES.** — On February 23, Miss Beatrice Sharples, F.P.S., High Lea, Leaden Knowle, Chinley, Derbys. Miss Sharples qualified as a chemist and druggist and passed the Pharmaceutical Chemist examination in 1908. She was at one time a member of the Pharmaceutical Society's staff. She joined the staff of the Retail Pharmacists' (now National Pharmaceutical) Union in 1921 and, at the time of her retirement in 1946, was assistant secretary to the N.P.U. During the 1939-45 war when the offices of the Union were removed to Bourne End, she was in full charge of them. She was in partnership with her sister Miss W. Sharples in the firm of W. Sharples, chemists, Mather Street, New Mills, Derbys. Mr. H. Steinman, M.P.S., represented the National Pharmaceutical Union Executive at the funeral, which was held at Stockport.

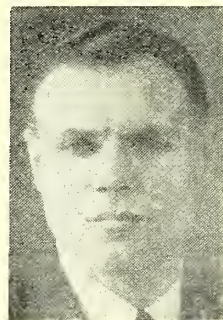
**SUGDEN.** — Suddenly, on February 21, Mr. Harold Sugden, M.P.S., 11 Netherlands Avenue, Odsal, Bradford, Yorks, aged forty-seven.

## PERSONALITIES

**ALDERMAN WILLIAM BROWN-BILL, M.P.S.**, Accrington, has been nominated mayor of the borough for 1957-58.

**MR. L. W. MERRICK, M.P.S.** (superintendent chemist of Heckmondwike Co-operative Society, Ltd.), was recently presented by manager colleagues with a carver chair to commemorate his forty-two years of service with the Society.

**DR. R. E. STUCKEY, B.Sc., F.P.S., F.R.I.C.** (chief analyst, The British Drug Houses, Ltd.), has been elected secretary of the Society for Analytical Chemistry. Dr. Stuckey was at one time deputy director of the Home Office Laboratory, Preston, Lancs. He is a member of several subcommittees of the British Pharmacopoeia Commission and a well-known personality at meetings of the British Pharmacopoeia Commission.



**MR. W. E. PHILLIPSON, M.P.S.**, who recently celebrated his sixty-third birthday, was present as founder at the twenty-fifth annual dinner of the Manchester Branch, Guild of Public Pharmacists, on March 5. Mr. Phillipson is chief pharmacist at Crumpsall Hospital, Manchester.







THE first team of the British Pharmaceutical Correspondence Chess League is now participating in the current season's competition of the postal chess league. The pharmaceutical "Capablanca's" who comprise the team are: Messrs. J. A. Cooke, Cleethorpes, E. Shulkind, C. W. Leaversuch, London, F. G. Hill, Middleton-on-Sea, P. G. Best, Halifax, C. R. Phillips (Hastings), A. S. Thom, Cambridge, J. C. Grassby, Ashted, W. H. Watkin, Borough Green, and F. G. Haines, Manchester. Fifteen entries have been received for the projected tourney (see C. & D., February 9, p. 161). To reach the ideal number for purposes of the draw another volunteer is required. Anyone wishing to take part should write to Mr. A. Robinson, 352 Kirkstall Road, Leeds.

Mr. Spencer Palmer sends the following solutions to the problems he set last month:—No. 1 (Barry): B-Kt6. That problem was composed as an end-game study, but only by mating in two moves can White win. Players have been known to try various "deep" moves to produce a win for White, and usually have been greatly astonished to find that it is but a two-move affair. There

No. 3 (A. Koehnlein)  
Black 5  
----- p -----  
----- b -----  
K -----  
- p - - - Q p - - -  
----- R -----  
- k - p - - -  
-----  
White 4  
White mates in three moves.

are three primary (or perfection) model-mates. Those are economical (all the White men on the board at the time of the mate taking part in it) and pure, or clean (each square in the King's field being guarded once only, or so blocked by Black's pieces or pawns). No. 2 (Lloyd): Q-Kt4 ch. An unorthodox key by modern standards, but the problem was composed over ninety years ago. Lloyd, the problem "wizard" of America, refused to be bound by

convention and regarded problems mainly as puzzles. The King has three flights in the setting, the key changing two of them. Curiously, after 1... P-B4 he has four flights, all taken away by the *en passant* capture.

Problems will be conventional in future, and illustrate the problem art. White pieces represented by capital letters. (8/6pl/7b/K7/1p2Qp2/5R2/1k1P4/8.) The problem has a fine and unexpected key. Solution next month.

## TRADE NOTES

**Sun-tan Creme.**—Arthur H. Cox & Co., Ltd., Brighton, now have available new season's stocks of Tan-Glo sun-tan creme. The pack is a cartoned tube in show outer of 1 doz. tubes.

**Profit Margin Increased.**—Life and Beauty, Ltd., 5 Avery Row, London, W.1, who distribute the Gayelord Hauser preparations, have increased the retailer's profit from 30 per cent. to 33½ per cent.

**Correspondence Courses in Chiropody.**—The School of Chiropody, Leatherhead, Surrey, invites chemists to write for a 40-p. prospectus giving information on correspondence courses in chiropody.

**Vitamin B<sub>2</sub>.**—Wakamoto Pharmaceutical Co., Ltd., Marunouchi Building, Chiyoda-ku, Tokyo, Japan, offer flavin adenine dinucleotide, an active form of vitamin B<sub>2</sub> for pharmaceutical and investigational purposes.

**Available on Prescription.**—Benger Laboratories, Ltd., Holmes Chapel, Ches, state that their "major" tranquilliser, Notensil brand of acetyl-promazine, is freely available on prescription. It is understood that many psychiatrists are referring patients to their family doctors with recommendations for continued treatment with Notensil.

**Fly-killer Balls.**—James Cox & Co., DDT Works, Northolt Road, South Harrow, Middlesex, are marketing, in addition to their DDT flycarks, parrots, rose baskets and wild ducks, a tube of three fly-killer balls impregnated with new insecticides for quick results. The coloured balls are understood to be attractive to flies.

**Additional Packs.**—Merck Sharp & Dohme, Ltd., Hoddesdon, Herts, have made available 1-mgm. tablets of Deltacortone (prednisone) and Codelcortone (prednisolone) in addition to the existing 5-mgm. tablets. A bottle of 100 tablets is immediately available and a 500-size is being introduced shortly. To meet the demand for a larger pack of Inversine oral hypotensive agent, a bottle of 1,000 10-mgm. tablets has been made available.

### Bonus Offers

GLAXO LABORATORIES, LTD., Greenford, Middlesex. Farex. Four free cartons with each parcel of 3 doz. 10-oz. cartons. March 18 to April 13.

GOMAX, LTD. (distributors: RIDDELL PRODUCTS, LTD., 10 Dunbridge Street, London, E.2). Gomaxide liquid germicide. Gomaxine antiseptic cream. 1 doz. charged as eleven.

KIMBERLY-CLARK, LTD., Larkfield, Kent. Kleenex tissues for men. 12 boxes for price of eleven. Until March 31.

### Exhibitions and Fairs

DUTCH SPRING FAIR, Utrecht, Holland, April 2-11.

BRITISH PHOTO FAIR, National Hall, Olympia, April 11-17.

BUSINESS PHOTO SYSTEMS AND PLAN COPYING.—By Photostat, Ltd., and Recordak division of Kodak, Ltd. At Crown Hotel, Newcastle-on-Tyne, March 19-21. 10.30 a.m. to 6.30 p.m. Admission free.



SKIERS ALL: Mr. Douglas Collins (chairman and founder of Goya, Ltd., Amersham, Bucks) with his five children on a skiing holiday at Zurs, Austria.

## MANUFACTURERS' ACTIVITIES

**Expansion in Denmark.**—Following a steady increase in the activities of the N.V. Chemische Fabriek Naarden in Denmark the company recently established a local subsidiary company, Dansk A/S Naarden, to speed up deliveries to and form closer contacts with the cosmetic and perfumery industries in Denmark. Mr. H. A. van Rootselaar has been appointed manager of the new company.

**Guide Dogs Scheme.**—The flood of Meet labels sent to the Guide Dogs for the Blind Association in connection with the scheme organised by Petfoods, Ltd., Melton Mowbray, Leics, is still being dealt with although the scheme officially ended on January 31. So that there will be no delay in getting much-needed funds to the Association, Petfoods, Ltd., have sent an interim donation of £5,000. An official of the Guide Dogs for the Blind Association sends the Association's thanks to chemists who have supported the scheme so magnificently.

**How Exports Were Increased.**—The chairman of Marchon Products, Ltd. (Mr. Frank Schon), reports that the share of exports in the total sales of the company has increased steadily during the past seven years, rising

from 14.3 per cent. in 1950 to 52.7 per cent. in 1956. During the same period the company's total turnover increased by more than five times. Mr. Schon believes that the achievement, in a highly competitive market, was attained by frequent visits to most parts of the world by senior executives, by careful study of what the buyer wants, and by prompt delivery of the right goods at the right price.

**Royal Visit.**—Prince Philip, Duke of Edinburgh, is to visit the Aylesford site of the Reed Paper Group on April 30. He is being received by Lord Cornwallis (Lord Lieutenant of Kent and chairman of Albert E. Reed & Co., Ltd., the parent company), and by Mr. Philip G. Walker (managing director, Reed Paper Group). During his two-and-a-half-hour tour of the site, which is near Maidstone, the Duke will tour Aylesford Paper Mills—the largest mill in Europe manufacturing a mixed range of papers. He is visiting Kimberly-Clark, Ltd., and if time permits, Reed Corrugated Cases, Ltd., and Medway Paper Sacks, Ltd. His visit will coincide with the starting up of the most modern high-speed cellulose wadding machine in Europe. The machine and converting factory has cost £2½ millions.



## NEW PRODUCTS AND PACKS

**Germicide and Antiseptic Cream.**—Riddell Products, Ltd., 10 Dunbridge Street, London, E.2, are undertaking the distribution of two specialties of Gomax, Ltd. (see *C. & D.*, October 27, 1956, p. 455), Gomaxide liquid germicide is issued in 4-oz. and 8-oz. bottles; Gomaxine antiseptic cream is issued in a 1½-oz. tube.

**Hydrocortisyl Skin Spray.**—Roussel Laboratories, Ltd., 847 Harrow Road, London, N.W.10, announce a new formulation of Hydrocortisyl in the form of a pressurised spray for easy and aseptic application to the skin. It is supplied in ½ per cent. concentration in 100-c.c. bottle.

**Hydrocortisone Drops and Lotion.**—Boots Pure Drug Co., Ltd., Station Street, Nottingham, have added to their list Hydrocortistab (hydrocortisone) skin lotion 0.5 per cent. and 1 per cent., in 20-mil containers; and Hydromycin ear/eye drops (hydrocortisone acetate, 1.5 per cent.; neomycin sulphate, 0.5 per cent.) in 3-mil container.

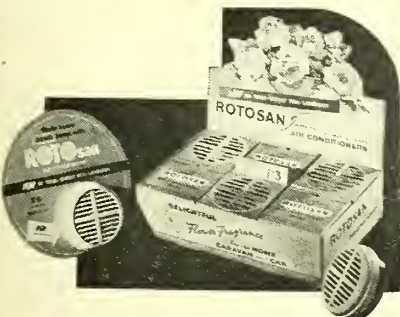
**In Decorative Box.**—Slimaid Products, Ltd., 36 London Street, South-



port, are now distributing their new pack of Slimso chocolates to the trade. There is one size.

**Pathogenicidal Pessaries.**—Allied Laboratories, Ltd., 140 Park Lane, London, W.1, are on April 1 adding Locan pessaries to their Locan group of preparations. Locan pessaries are described as trichomonocidal, fungicidal and antibacterial, and have a non-oily, non-staining base.

**"Stand-up" Container.**—W. & F. Walker, Ltd., Kirkby, Liverpool, who claim to have been first in the field with air conditioners for domestic use.



announce the availability of a new stand-up container for their product Rotosan junior. They have added two new fragrances, so that it is now available in rose, sweet pea and lavender.

**Skin "Corrective."**—Max Factor Hollywood & London (Sales), Ltd., 16 Old Bond Street, London, W.1, are marketing a new liquid preparation and treatment group: Secret Key. Secret Key is designed to correct the pH balance of the skin, "returning it to the acid alkali balance characteristic of a young, healthy skin," and enabling complexion creams and lotions to penetrate into the skin. The treatment



Secret Key, the new skin speciality of Max Factor, Hollywood & London (Sales), Ltd., London, W.1, shown in its individual carton and in its combined pack with cleansing cream, active moisturiser and night cream.

group pack contains, along with Secret Key, "active moisturiser," "double-depth" cleansing cream and "velvety" night cream.

**Peach Lip Colour.**—Claimed to be the first "true" peach lip colour ever made, Gala's "sari" peach is described as "precisely the fashion colour of the moment, that slightly heightened but real peach to be found in gauze, silk and chiffon." "Sari" peach is made in all forms of Gala lipstick, and in nail colour and may be used with any fashion colour except blue-pinks and blue-reds. The manufacturers are Gala of London, Ltd., Hook Rise, Kingston By-pass, Surbiton, Surrey.

**Sodium-reduced Canned Foods.**—The Dietetic Foods Division of Hanworth Food Products, Ltd., Colnbrook, Bucks, have introduced the first canned foods specially formulated for sodium-reduced diets in this country. Only sodium-free condiments are used for flavouring the products, and the average sodium content is only 1 mgm. per oz. The products are available to the hospital dietitian in 15½-oz. and 30-oz. tins, and to the public in an 8-oz. tin. The first to be introduced are the two varieties that have proved most popular in trials: processed peas (garden-mint flavoured), and beans in tomato sauce.

**Moisture Film and Spring Make-up.**—Elizabeth Arden, Ltd., 25 Old Bond Street, London, W.1, are introducing two new specialties for the Spring season. Velva moisture film is claimed to soften, smooth, protect and give a satin surface to the skin before make-up. It is used under any Elizabeth Arden foundation, "enabling make-up to glide on easily without streaking, facing or changing colour." The second speciality, "sheer gold," is a make-up series that includes Pat-a-creme, "a new sunny beige tone that covers imperfections and gives a peachy colour to the skin"; "gay, sunlit red" lipstick, matched in rouge and nail lacquer; and gold eye Shado.

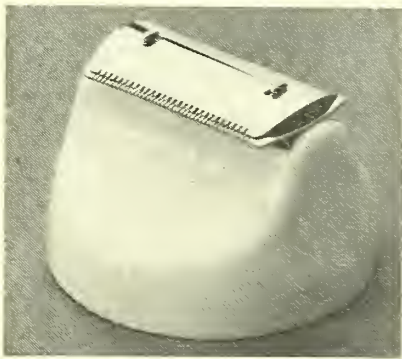
**Grooming Cloth for Dogs.**—Everett & Co. (Everett's Polishes, Ltd.), 36 Victoria Street, London, S.W.1, are marketing a chlorophyll-impregnated grooming cloth for rubbing over a dog's coat. The cloth is claimed to kill odour, relieve itching, eliminate the need for frequent bathing, save powdering, and give the coat added gloss.

**All-purpose Barrier Cream.**—Rilling all-purpose barrier cream, a lanolised

cream for wet and dry work, is issued in collapsible tube of two sizes by Rilling-Hills, Ltd., 222 Borough High Street, London, S.E.1. It is obtainable through trade wholesalers.

**Departure from Convention.**—The conventional bottle shape is abandoned in a new pack for Zal disinfectant designed by J. Edward Sanders, M.S.I.A., a German industrial designer. Tall, slim, elegant, with rounded top, its neck just long enough to take the screw cap—the container has a simplicity that makes it ideal for display. A new label has bold lettering and fits a moulded recess on the face of the pack. There are two

sizes. The manufacturers are Newton, Chambers & Co., Ltd., Sheffield.



**CLIPPER HEAD FOR SHAVER:** A new clipper head for the Richard Cadet electric shaver screws into position in place of the shaver head. It is an extra accessory, moulded in grey nylon to match the shaver body, for trimming moustaches and beards, for straightening side pieces, etc.



# Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

## Unfair to a Representative ?

SIR,—For many years I have been a regular and interested reader of your journal and have always appreciated your efforts to uphold the professional status of pharmacy. I was, however, sorry and disappointed to notice in your issue of March 9 the sarcastic attitude of your contributor Xrayser on the failure of a representative to keep up-to-date with his firm's price alterations. Did your contributor, before entering judgment, ascertain the reasons for the failure? Surely he himself is also prone to human error and as a member of an honourable professional body should he not seek to promote that Christian tolerance which is so badly needed, not only in pharmacy, but in every other sphere of our national life today.

Belfast

R. K. GORDON

## Rip Van Winkle Replies

SIR, — "Tinkle Tinkle" (C. & D., March 9, p. 264) may be surprised that I, too (like nearly all impecunious university students) took odd jobs during vacation to pay my way when taking my B.Sc. I also did overseas service in both wars — voluntary at that. His last quip about money-saving apprentices is wide of the mark. I had £100 premium to pay for four years of good sound apprenticeship — in the workaday life of a busy pharmacy in which we really did learn how to become practical pharmacists. That was a far better training for retail practice—and cheaper, too, to the student — than four years in the "airy fairy" atmosphere of lecture rooms and university laboratories. When Tinkle-Tinkle has had about fifty years' experience in everyday pharmacy he will realise that still there is more to learn.

R.V.W.—STILL LOOKING AHEAD

## Saturday Work

SIR,—In reply to your correspondent W. S. C. Coleman (C. & D., March 9, p. 264) who suggests that Saturday closing would please only certain sections of pharmacy, I must emphasise that public shopping habits are changing. The largest store in the country has just announced a £2½ millions profit, obtained presumably between 9 a.m. and 5 p.m., Saturdays 9 a.m. to 1 p.m. The principle in industry today is to work harder but for less hours. The public of New Zealand have become used to shopping on Friday nights until 9 p.m., instead of on Saturdays; a shopkeeper there will take more than his English contemporary would all day on a Saturday.\* In a democratic community what is good for the office and factory worker must be good for the shopworker also. The staff turnover in shops is much higher than in office or factory. It seems to me that the position is due to the shopworkers themselves. It is a significant fact that, in New Zealand, trade union membership is a legal obligation.

The sooner we scrap Saturday trading the better. We shall still be going out of our way to please the public by having one late night.

London, W.14

D. FINLASON

\* Possibly a pointer to the emigration figures: New Zealand is short of shopworkers.

## Conditions of Work

SIR,—As a locum I have taken rota duties with private pharmacists, multiples and co-operative societies and have encountered very different methods of rewarding the pharmacist for his professional responsibilities. The private pharmacist pays his qualified employee full fees plus travelling expenses when incurred (on half-day and Sunday duties), plus fourteen days' paid holiday a year. One multiple pays full fees, plus prescription bonuses, plus travelling expenses, plus one month's holiday per annum. Another pays full fees less P.A.Y.E. deductions, no prescription bonus, no travelling expenses, fourteen days' holiday with pay. The co-operative societies give full fees plus dispensing bonus plus travelling expenses plus three weeks' annual holiday plus an overall bonus on turnover. In the House of Lords recently Lord Alexander of Hillsborough championed the cause of the co-operative chemist managers. Have other employee pharmacists any spokesman in Parliament or indeed any official representative? They might do better for themselves if they had.

LOCUM

## A Call to Evian-les-Bains

SIR,—Within a few weeks many pharmacists will be preparing for their journey to Evian-les-Bains on Lake Geneva for the 1957 Franco-British Pharmaceutical Congress (June 15–16). To readers who have not yet been to one of these interesting meetings, this year's rendezvous of British and French chemists will be an excellent opportunity for visiting France at the best time of the year and under the best economic conditions. The French, renowned for their hospitality, excellent table and receptions, are preparing a full-time programme of enjoyment for their British guests in one of France's first-class spas and lake-side watering places. Apart from the Congress business itself, these yearly get-togethers have been the most popular means of uniting any two professions of any two countries. Old friends from each side of the Channel meet again, new contacts and acquaintances are made. Bonds of friendship are indeed among the objects of the Commission as set out when it was founded in 1949. Evian is calling you! The joys of this thermal station, of its beach and nautical sports offer the British sportsman unparalleled pleasure. The surrounding country of the Haute Savoie and the mountainous scenery offer a week-end of unforgettable entertainment together with the well-known French festiveness. The French party will be a large one. We hope that British

chemists will be equally strong in number. I advise all to write now for fuller particulars.

G. R. TOOGOOD, M.P.S.

(A British pharmacist in Paris).

P.S.—All inquiries should be addressed to the secretary, Franco-British Pharmaceutical Congress, 17 Bloomsbury Square, London, W.C.1.

## Gone Are They All?

SIR,—Far be it from me to say that anything has disappeared from pharmacy. I can, of course, speak only from my own experience. But for myself the answer to your retired correspondent (C. & D., March 9, p. 274), is that the preparations he spoke of are not now used. They have passed into limbo like other old favourites I can recall. Does anyone now sell "face seeds" (sem. hyoscyam.)? They were used for the relief of toothache and gumboils; when scattered on a hot shovel they gave off fumes which were inhaled, killing the "worm" that caused the pain. For sore throats sal prunella balls, in addition to their principal use in smelling bottles (freshened up with a dash of strong ammonia and oil of lavender), were in brisk demand. What about delectable jubes and malt pastilles, or even Gregory and compound liquorice powders? Irish moss seems to have had something of a revival in the country of its name—if I draw the correct inference from window displays I saw in the Republic when on holiday last year, but who is ever asked now for blue butter (ung. hydrarg. dil.), red bottle (oil of origanum and compound tincture of lavender in spirit), Devil's dung (asafetida), oil of swallows (oil of elder) or orris root (gnawed by teething babies long before soothers were thought of). It must be years since I had a request for chamomiles and poppy-heads; mashed in boiling water to make a poultice they were in popular demand as a quick cure for toothache and earache. Do the "four ha'p'orths" still linger? In my travels I met three recipes by that name: a "dope" (for fretful infants) made of rhubarb, peppermint, magnesia and laudanum; a cold mixture (ether, camphor, sal volatile, sweet nitre); and a children's cough mixture (oil of almonds, syrup of squills and violets, and ipecacuanha wine). Crushed linseed was everybody's poultice, and whole linseed was used for making "linseed tea" (linseed and sugar candy, 1 oz. of each, with ½ oz. stick liquorice, broken into small pieces, 1 lemon and 1 pint of water, all simmered together for forty-five minutes, strained, and sipped while hot). The shutters have gone up on those and lots of other one-time popular remedies.

ANOTHER VETERAN

## INFORMATION WANTED

The Editor would appreciate information about supplies of the following:

Tab. CHLOROZIN, 100 mgm. (not Chloroquine)  
BARENAMINE solution  
Perfume GRILLOU

# RELAXA-TABS

more

# RELAXA-TABS

and yet more

# RELAXA-TABS

are being bought by the public who need a completely safe, non-habit forming sedative.

**FORMULA:**

Carbromal B.P.C.	3 grs.
Bromvaletone B.P.C.	2 grs.
Calcium Phosphate B.P.	3 grs.

Retailing at 2s. 9d. and 5s. 5d. inclusive. Wood's RELAXA-TABS are backed by a high-pressure National Advertising Campaign in the Press which is being stepped up every week as sales rocket. Supplies from International Laboratories Ltd., 205 Hook Road, Chessington, Surrey, or from your usual wholesalers.

# RELAXA-TABS

the name is good

# RELAXA-TABS

the product is good

# RELAXA-TABS

the profit is good so

**Order NOW**

*Other equally good International Laboratory lines are*

**DO-DO ASTHMA TABLETS** · **NEODEX for Stubborn Skin Ailments**  
**DALAY for Dysmenorrhoea** · **BAUME DALET for Bunions**

---



# Mictine

## *The Effective Oral Diuretic*

"Mictine" is indicated in the maintenance of an oedema-free state in any patient requiring diuretic therapy and the effecting of initial diuresis in all patients but those with severe congestive failure. For these purposes the dosage is one to four tablets daily in divided doses *during meals* on alternate days or on three successive days followed by four days without therapy. "Mictine" is not intended to produce initial diuresis in more severe congestive failure, however, "Mictine" may be given when other diuretics are contra-indicated, or if tolerance to them has developed.



*With no  
Known  
Contra-indications*



"Mictine" is obtainable in bottles of 25, 100 and 500 tablets, each tablet containing 200 mg. aminometradine.

Retail Prices:

25	100	500
19/7	73/4	340/-

Trade terms 33 $\frac{1}{3}$ %

*Order through your Wholesaler*

# SEARLE

**G. D. SEARLE & CO., LTD.**

HIGH WYCOMBE, BUCKS. Tel.: High Wycombe 1770

MI : T106



# The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

ESTABLISHED 1859

Published weekly at

28 Essex Street, Strand, London, W.C.2

TELEPHONE CENTRAL 6565

TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

## Kite or Fiery Cross?

THE question that was discussed at a recent meeting of the Stirling Branch of the Pharmaceutical Society of whether there should be a Pharmaceutical Society of Scotland (see p. 290) was perhaps no more than kite-flying. But the kites of today can become the fiery crosses of tomorrow and must therefore be considered seriously, even if the subjects with which they deal seem far removed from the realm of the likely.

It is an excellent thing for groups of people with sectional interests to join together to discuss and protect those interests but can it be honestly maintained that Scottish pharmacy as a profession is so different from English in practice or tradition or so remote geographically that a separate Society is necessary to deal with it? And even if the differences were more acute than they are, would a separate Society be advantageous to the Scots?

A hundred years ago, it is true, the progress of the Pharmaceutical Society in Scotland was slow, indeed in 1858 Jacob Bell wrote that "it was difficult to overcome the prevailing impression that it [the Pharmaceutical Society] was a London Society, and could confer but little benefit on members at a distance." Yet despite the difficult communications of 100 years ago, the Society in Scotland made sure progress, with the result that all pharmacists in Great Britain today belong to a common organisation that is the more influential because it stands alone and represents all. That is a valuable heritage, and one that should not be lightly cast away.

To say that is not to deny that there may well be room for reform or improvement in the Society's organisation and policies. The desire for such changes, carried to the length of a demand for a completely clean sheet and a fresh start, suggests, however, an unsophisticated approach to the problem, leading only to disappointment.

Differences in practice between pharmacy in Scotland and in England were adequately taken care of, one would have thought, by organisations already in existence, or by modifying those organisations to accord with changed conditions.

There are likewise differences in pharmaceutical practice between London and elsewhere in England. Is the proper method of taking account of them to have a separate Society for the Metropolis? And if so, where would the splinter movement end?

Scotland has its own Department within the general structure of the Pharmaceutical Society. Mr. Macfar-

lane has himself testified to the Department's influence on more than one occasion on Council policy. If that influence were to wane, the case for a separate Society in Scotland would be stronger. Meanwhile it is hard to visualise what additional benefits a Scottish Pharmaceutical Society would confer on Scottish pharmacists in return for greatly increased cost to themselves.

It is perhaps noteworthy that it was to Mr. Macfarlane's home town, Dundee, that Mr. John Mackay (the Pharmaceutical Society's secretary in Edinburgh) went in 1858, not without success, to win increased support for the Pharmaceutical Society in Scotland. He was able to enumerate then, after the Society's short life of only seventeen years, a good record of achievement—a record that has continued, albeit with setbacks. There is little doubt that those achievements would have been fewer had British pharmacy been less united, or had the Scots not contributed to its welfare, as they have taken advantages of openings south of the Border to practice. The need for unity is as great now as ever it was. Scotland has benefited from, as well as contributed to, the achievements of the past. Most of us will hope that the fertile association of Scot with Saxon and Cambrian will long continue.

## Liability for Spread of Fire

OCCUPIERS of all sorts of premises, and especially of premises in which inflammable materials are stored, may have to revise their views on the extent to which they may be liable for damage by fire to adjoining premises as a result of a recent decision in the Appeal Court. The case concerned a fire which started in an occupier's loft and spread next door. Pipes and a water cistern had become frozen, and the occupier went across to a site on which builders were erecting houses and asked someone in authority to send workmen to unfreeze them. Two men, neither of them a plumber, came armed with a blow-lamp and other tools. The blow-lamp set fire to felt lagging on the pipes and the fire spread to other materials in the room, and thence to premises of the person who brought the action, causing substantial damage. The question that had to be decided was whether the defendant (the occupier of the premises in which the fire started), was liable to the adjoining occupier, for the negligence of the workmen.

In general, a person is not responsible for the negligence of an independent contractor, though he may be liable for the negligence of his servants. A contractor is "independent" if the employer has no control over him, and has no right to direct him as to how the work should be done, and the workmen, and the firm of builders which sent them, came within that category.

Common law, dating from times when houses were usually built of timber and had thatched roofs, had imposed virtually an absolute liability on an occupier for damage caused by fire. The law underwent some modification in order to alleviate what had come to be regarded as a heavy burden. The Fire Prevention (Metropolis) Act, 1774 (which, notwithstanding its title, applies to the whole country), provided that no action would lie against a person in whose house a fire began accidentally. In other respects the Act left the Common Law rules unaffected. Under those rules a person might still be liable for a fire caused by negligence on his premises. He would not be liable where the fire was caused by an act of God, such as lightning, or by the



act of a stranger (for example a burglar who, by his carelessness or by design, caused a fire on the premises into which he had broken). The Court of Appeal had to decide the extent of the defendant's liability under Common Law.

It held that the occupier, in addition to being liable for his own negligence, would be equally liable for the negligence of any third party other than a trespasser or a stranger. He would be liable, therefore, for the negligence, not only of his servants or guests, but also of independent contractors. Accordingly he was held liable for the damage caused on the adjoining occupier's premises as a result of the fire spreading to them.

A further problem presents itself over insurance. The average policy does not insure a person against the risk of a fire spreading from his premises to those of another person. No doubt occupiers of premises will come to demand, and insurance companies to provide, cover for that extra contingency.

## Onward from Galen

### A CURRENT CAUSERIE



"A CURE for Drowsiness or a pinch of Cephalic," another of the Gillray cartoons in the possession of the Pharmaceutical Society, here reproduced, was etched by George Cruikshank. It was published in 1822.

★

A SIGNIFICANT index of the extent to which tuberculosis is being brought under control is the fact that in 1956 the National Association for the Prevention of Tuberculosis amended its constitution so as to bring within its purview other diseases of the chest. Already it has published for public reading a tract on bronchitis in which, after pointing out that in Britain 30,000 people die each year from bronchitis, it shows how a sufferer can protect himself and

prevent much unnecessary destruction of the lungs. This new interest of the Association is to be welcomed since, partly by reason of its missionary work, techniques have been devised in chest clinics that may be valuable in detecting other diseases. The Association welcomes inquiries about its work. Its headquarters are at Tavistock House, London, W.C.1.

★

AN extending and commendable practice is for commercial concerns to publish information about the opportunities they offer to those seeking employment. One of the most impressive publications we have seen in that field is a 28-p. booklet, "Careers for Graduates in Albright & Wilson, Ltd., and Midland Silicones, Ltd." The booklet not only includes a generous number of photographic illustrations of the company's various plants, and a colourful diagram of the many derivatives obtained from the phosphorus which is Messrs. Albright's primary interest, but, by means of red-printed town names on tracing-paper pages above sections of Ordnance Survey maps, gives the would-be entrant a precise idea of where he could expect that his work would be done. Midland Silicones, Ltd., is a venture in which Messrs. Albright are concerned jointly with Dow Corning Corporation of Midland, Michigan, U.S.A. The English parent company developed from a partnership capitalised at £10,000, and its rise to a £6½ millions public company is outlined in the booklet. It is of interest to pharmacists that what must be regarded as one of the giants of the modern chemical industry was founded by one who served an apprenticeship to a chemist and druggist and later worked for a year with T. & W. Southall, Birmingham.

## A stable, lanolin-based sulphite PERMANENT WAVING CREAM

M. A. PHILLIPS, D.Sc., F.R.I.C.

THE following formulation is based on the reversal of a water-in-oil emulsion inevitable when using the large amount of lanolin. The reversal to an oil-in-water emulsion is achieved by the use of a small amount of an anionic surface-active material: sodium lauryl sulphate.

To 420 gm. of lanolin, melted at 45° C., is added, with vigorous stirring, a solution of 20 gm. sodium lauryl sulphate technical in 200 c.c. of water at 45–50° C. A creamy and thick emulsion is formed. In the meantime, 120 gm. of commercial ammonium sulphite monohydrate (NH<sub>4</sub>)<sub>2</sub>SO<sub>3</sub>·H<sub>2</sub>O in 210 c.c. of water is made by heating to about 30° C.; on cooling, a slurry of finely divided salt is obtained. The lanolin emulsion having been allowed to cool to 20° C., the cold solution of ammonium sulphite is stirred in with vigorous agitation to give a cream. After addition of 30 c.c. of concentrated ammonium hydroxide (s.g. 0.880), with vigorous stirring, the cream is ready for potting or tubing.

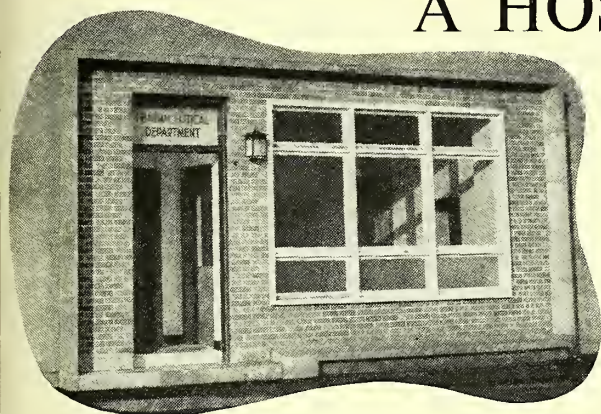
In place of ammonium sulphite solution made up as above, the following procedure may be employed: Sodium metabisulphite, 100 gm., is warmed with 100 c.c. of water and to it is added, with cooling, so that the temperature does not exceed 30° C., 100 c.c. of concentrated ammonium hydroxide. The sulphite cream made as above has good waving properties by the usual heat treatments and, being an oil-in-water emulsion, is easy to remove with tepid or warm water from the hair and from combs, etc., after use.

The composition of the cream is given approximately below:

Lanolin	..	43.3 per cent. w/w.
Water	..	44.0 per cent. w/w.
Ammonium sulphite		10.7 per cent. w/w. (as anhydrous salt)
Sodium lauryl sulphate		2.0 per cent. w/w.



# A HOSPITAL PHARMACY REHOUSED



In 1948 the pharmaceutical department of Stirling Royal Infirmary was located in one small room. Today the department is housed in a sizeable two-story building constructed to the local group chief pharmacist's requirements.

**S**LOWLY the years of relative neglect of the hospital pharmaceutical service is being repaired, and pharmaceutical departments are being established, extended or renovated all over the country. One such extended department has recently come into use at Stirling Royal Infirmary, and well it stands comparison with any of the new departments built since 1948 when the Health Service started.

## Chief Pharmacist's Initiative

The new department is in itself a tribute to the initiative and energy of the group chief pharmacist concerned (Mr. John Hunter, M.P.S., D.B.A.) and, of course, to the active co-operation of his board of management. The Linstead Committee recommended in 1955 that, whenever a pharmaceutical department is planned or replanned, the pharmacist should be brought into consultation with the architect from the beginning. That policy has been admirably rewarded in Stirling, where Mr. Hunter was given the opportunity of stating his needs. He was then allowed, with the professional assistance of the board's architect, to design a new department to satisfy those needs. The plans were entirely those of the chief pharmacist and the hospital's architect, passed, of course, by the regional board's architect. The cost was £16,200.

When Mr. Hunter took up his appointment at Stirling Royal Infirmary in 1948 the pharmaceutical department was located in a single room measuring 20 ft. x 10 ft. There was also some scattered store accommodation.

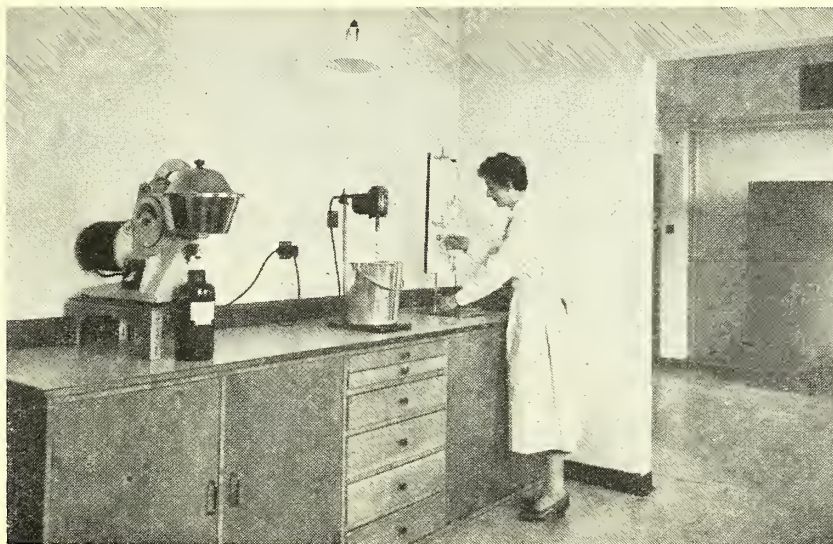
Prior to Mr. Hunter's appearance, the hospital's pharmaceutical requirements were met by the supply services of a local retail pharmacist who also, with an assistant, provided professional services at the hospital about two nights a week. After Mr. Hunter's arrival, and with the expansion of all the hospital's activities that occurred after the Health Service started, the pharmaceutical department grew larger. First, part of an adjoining room that had formerly housed the x-ray department was acquired and eventually the remainder of that room was occupied, quadrupling the space originally available.

Additional store accommodation had also to be acquired wherever that happened to be available.

With most of the other departments in the hospital also crying out for more space, Mr. Hunter's case for expansion



Above, the main dispensing bench. Below, Miss E. M. Liddell (deputy chief pharmacist) adjusts in the making-up room, the apparatus for the preparation of intravenous solutions.





and centralisation must have been a compelling one, and the new department, now that it is complete, should convince observers that it was badly needed, for, although it is probably four times as large as the old premises, there is no evidence of wasted space. Indeed the store rooms appear to be bulging at the seams already!

The new department is a separate two-story building measuring 28 x 60 ft. There are also an outside oxygen shed and an inflammable materials store.

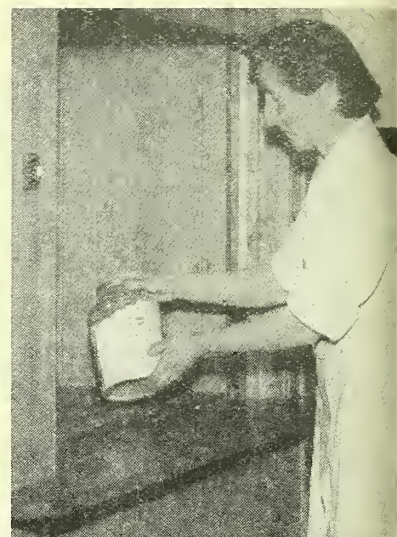
On the ground floor are situated, at one end, two main store-rooms; in the centre, an entrance hall and stairway; and at the other end, the issue office, with next to it the chief pharmacist's secretary's office and behind that, at the rear of the building, the chief pharmacist's private office. By siting on the ground floor the bulk store-rooms, in which the unpacking is done, the planners have preserved cleanliness of the dispensing departments on the first floor.

Those departments include the main dispensary. That, with two smaller rooms which open off from it at one end (and which are used for storage and for packing into standard units supplies of ward needs such as disinfectant), occupies nearly half the total space on the first floor. The dispensary extends over the width of the building. At the other end of the floor, and accounting for about half the remaining space, are the sterilising and aseptic rooms, the one leading into the other via double doors. The remainder of the space on the floor (about a quarter of the whole) is occupied, in the front of the building, by the main stairway and behind that by a small bottle-washing room and a making-up room. Access is gained to the bottle-washing room from a corner of the main dispensary. In turn that room leads into the making-up room, where manufacture of such bulk items as emulsions is performed; and that room in turn leads into the sterilising room. A feature of the bottle-washing, making-up and sterilising rooms is that they are in line, and communication from one to the other is obtained via doorways without doors. Separate entrances are also provided to the sterilising room and to the making-up room, as well as to the dispensary from the stair-head.

Wooden fixtures for the entire department were made by a local joiner to specification. Wide use has been made in the store-rooms and elsewhere of Handy angle, providing rigid adjustable shelving and supports for equipment. Bench surfaces are all of laminated plastic, flooring of Semtex semastic tiles.



Above, an out-patient receives her medicine in the issue office. Right, the electric service lift is unloaded in the main dispensary.



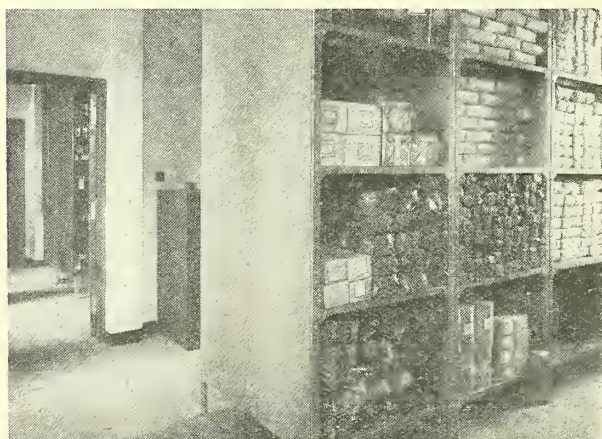
Dispensary equipment includes a large refrigerator and ointment mill and a heated ointment slab. In the centre of the floor is a rack for ward baskets. The dispensing benches are fitted on each side of the room under windows, and the bottle-washing room is equipped with an Adelphi jet rinser and a Matburn electric machine for brushing the insides of bottles.

A notable feature of the making-up room is an Elgastat deioniser for the production of distilled water. The output of the deioniser is employed in the making-up of mixtures and for washing equipment that has to be sterilised. Other equipment includes an Empire emulsifier made by British Emulsifiers, Ltd.; a Fluid Equipment Co., Ltd., laboratory stirrer and Matburn apparatus for intravenous solutions.

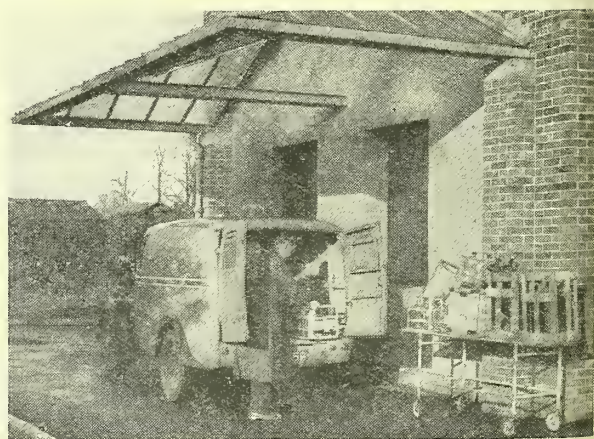
### *Equipment in Sterilising Room*

In the sterilising room is fitted a large Manesty still. There are also large and small hot-air ovens and a drying cupboard ingeniously devised by the hospital's engineering department from a steel cupboard, the shelves of which have been perforated by drilling, and in whose base a steam coil is located. A large autoclave is among equipment still awaited. It is intended to provide a sterile syringe service from the department. Also located in the sterilising room is a vacuum pump piped to various points in the department.

The aseptic room is provided with filtered air from a Ventaxia intake fan. A ventilator with weighted louvres is being fitted to take the slight positive pressure built up within the room. The walls and floor are of terrazzo, and for cleanliness the junction of the floor and walls and walls



Looking at the store-rooms from the side entrance. Note the shelving constructed from Handy angle. The department's van is unloaded under cover after returning from one of the hospitals in the group.







The group chief pharmacist (Mr. J. Hunter) in his office.

and ceiling is rounded. Flush lighting is provided only (and for the sake of cleanliness) in the aseptic room.

The dispensing departments are well furnished with sinks, there being ten in all. An electric service-lift communicates between the main store-room on the ground floor and the dispensary. Heating for the building is provided by a Calorifier situated in the basement and fed by steam from the hospital's main boiler. An internal telephone service is provided.

On the ground floor the issue office is used to serve certain out-patients and nurses with emergency items. From the office are issued hearing-aid batteries for the region. Chairs are provided for the use of those required to wait. In the issue office is also located an emergency supplies cupboard containing such items as antidotes, transfusion



The sterilising room. Note the drying cupboard (centre) made from a standard steel cupboard. The doorway on the left leads to the aseptic room.

fluids, antibiotics, suction apparatus, etc. When the department is closed, duty doctors have access only to the issue office.

### *Bed Complement of 800*

Stock control in the department is by the Remington-Rand Kardex system. All stores are purchased by the chief pharmacist (Mr. Hunter) who is group chief pharmacist for the Stirling and Clackmannan Hospitals Board of Management. In the group are Airthrey Castle Hospital, Bridge of Allan (maternity); Stirling Royal Infirmary (general); Bannockburn Infectious Diseases Hospital, Stirling; Clackmannan County Hospital, Alloa (surgical); Clackmannan Infectious Diseases Hospital, Alloa; Touch Convalescent Hospital, by Stirling; Orchard House, Stirling (geriatric); Ochill Hills Sanatorium, Milnathort (tuberculosis). Between them those hospitals have a bed complement of about 800. The only pharmaceutical department is that at the Royal Infirmary. Supplies are normally delivered to the hospitals in the group twice weekly by 10-h.p. van. Mr. Hunter's staff consists of Miss E. M. Liddell (deputy chief pharmacist), Mrs. H. S. McCheyne (pharmacist); an unqualified dispenser; a secretary; a storekeeper; two cleaners and a porter; and two girls for the syringe service.

## PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

### OBJECTION TO THE SHOPS BILL

#### Home Office asked to receive deputation

THE Council of the Pharmaceutical Society decided at its meeting in London on March 5 and 6 to ask for a deputation to be received at the Home Office to discuss the Society's views on the Shops Bill. The Society and the National Pharmaceutical Union had objected to the removal of the limitation on the sale of medicines on Sundays on the ground that it would establish a privilege not based upon any special knowledge possessed by the persons concerned or upon any special service which such persons could give: the existing law (providing for an article to be supplied if there was reason to believe that it was required in the case of illness) gave all the latitude the public required. The two bodies also considered that the amendment to the existing provision requiring compensatory free time for pharmacist employees who work not more than two hours on Sundays would prevent the discharge of professional responsibility for the provision of pharmaceutical services under the National Health Service. On the understanding that compensation would be negotiated through the appropriate channel, that statutory obligation should be removed and the position made similar to the provisions relating to work undertaken on the half holiday.

#### *Formulary Committee*

The National Formulary is to become known as the British National Formulary. That and other information were received from the Joint Formulary Committee on decisions

made about the next edition of the formulary which it is hoped to publish in August. The covers of the two 1957 editions (the ordinary and alternative, pharmacologically arranged) are to be in different shades of red but, by reason of the additional cost involved, no thumb index will be included. There are other changes. A suitable mark, such as an asterisk, will indicate which formulas in the British National Formulary are available only as proprietary products. Formulas of preparations in the Dental Practitioners' Formulary that are not contained in the British National Formulary are being included as an appendix. A copy of the Third Schedule to the General Dental Services Regulations is also being included in the appendix and the joint secretary is being asked to prepare for publication in the Formulary a note explaining the position of dentists in Scotland and Northern Ireland in connection with which National Formulary preparations they may or may not prescribe.

In view of the difficulties in the change from the apothecaries to the metric system, the Councils of the British Medical Association and Pharmaceutical Society are being recommended to consider the problem in conjunction with other interested bodies.

#### *Joint Committee*

It was reported that the joint committee of the Pharmaceutical Society and the Society of Analytical Chemistry



had appointed the following panels to deal with particular subjects:—

**Panel 1: *Digitalis purpurea*: Chemical method:** Professor H. Brindle (chairman), Dr. G. E. Foster, Mr. G. J. Rigby, Dr. J. M. Rowson, Mr. E. L. Smith and Professor J. P. Todd. Terms of Reference: "To investigate chemical methods for the assay of digitalis and its preparations and to attempt to correlate them with biological methods of assay."

**Panel 2: *Capsicum*: Capsaicin Content:** Messrs. H. B. Heath (chairman), E. A. Elsbury, C. A. MacDonald, G. R. A. Short and D. O. Singleton. Terms of Reference: "To investigate methods of assay of capsicum and capsicum products with particular reference to the determination of the capsaicin content."

**Panel 3: *Antraquinone* drugs:** Dr. J. M. Rowson (chairman), Dr. J. W. Fairbairn, Mr. C. A. Johnson, Dr. W. Mitchell, Messrs. H. A. Ryan and W. Smith. Terms of Reference: "To investigate methods for estimating the purgative activity of drugs and of preparations of drugs containing anthraquinone derivatives with a view to recommending methods of assay."

### Registers

Sixty-one persons were registered as "student" in February against forty-eight in the same month of 1956, making a total of 120 registrations in 1957, against ninety-four in the same period of 1956. It was reported to the Law Committee that the names of six former members had been restored to the Register. On the Law Committee's recommendation it was agreed that the names of three persons removed from the Register more than ten years ago should be restored. Recommendations were also accepted for the registration of nine applicants under reciprocal arrangements (Section XIX (16)) of the By-laws, and of one other person on submission of the necessary documents and payment of the prescribed fee.

### Birdsgrove House

In the month to February 16, seventeen guests stayed at the convalescent home for an aggregate of twenty-five weeks, against thirteen guests and seventeen and a half weeks in the corresponding period of 1956. Two contributions amounting to £10 were received from guests to supplement weekly payments. Gifts in kind were also recorded. In presenting the list of special contributions, Mr. T. HESELTINE (chairman of the Committee) said that month by month quite large sums were received, and it was the Council's wish that members should know that their generosity on behalf of the less fortunate who were helped by the Society's various charities was appreciated to the full.

### Codex Revision Committee

On the recommendation of the Establishment and Publications Committee, the Council approved that Mr. C. W. Robinson should be appointed to serve as a member of the Codex Revision Committee in place of Mr. B. A. Bull, who had retired from the Committee.

### Proposed Amendments to Poisons List and Rules

A report was received on certain changes proposed to be made in the Poisons List and Rules. The Law Committee recommended that representations should be made by the Council to the Poisons Board in respect of those changes. The Council agreed.

### Law Committee

In January 1957, the Society's inspectors and agents visited 970 authorised sellers, 157 listed sellers and 439 drug-store proprietors and similar traders. Ten cases of alleged infringements of the Pharmacy Acts were considered, and appropriate action taken.

### Conduct of Council Business

It was agreed that the work of the Organisation, Establishment and Publications, and Finance Committees, should

be re-arranged and divided among two committees to be called the Establishment and Organisation, and the Finance and Publications Committees.

### Benevolent Fund and War Aid Committee

Grants amounting to £105 have been made to four widows by the Benevolent Fund and War Aid Committee. Recommendation for another grant amounting to £113 was approved. Two applications for assistance were deferred. Also approved were four grants, amounting to £111, for special purposes from the Benevolent Fund and £40 from the Orphan Fund, together with the payment of £7 to beneficiaries whose grants expired during February. From the War Aid Fund one grant of £30 and another contingent grant were made.

### Royal Commission on Medical Remuneration

The Council took note of the setting up of the Royal Commission on Medical Remuneration and decided that the Commission should be asked to notify the Society in the event of any issue involving pharmacy arising in case the matter was one on which the Society might wish to give evidence.

The Council is sending congratulations to Sir David Cairns, Q.C. (Chairman of the Statutory Committee of the Society) on his appointment as recorder of Sunderland.

## MEDICAL ABSTRACTS

### EFFICACY OF SENNA PREPARATIONS

THE efficacy of British Pharmacopœia syrup of senna after a period of storage is questioned in a clinical and laboratory assessment of senna preparations (*British Medical Journal*, 1957, 1, 436). J. C. McClure Browne and others in their report state that chemical assay confirmed previous indications of deterioration in aqueous B.P. preparations. In addition clinical response rates were in general agreement with the results of the assays. Not only did apparently identical B.P. preparations of syrup of senna differ widely in their therapeutic effect but, at average doses, the B.P. syrups tested were no better than inert controls. A dry granular preparation of senna pod (Senokot), however, proved to be chemically stable and to have a potent laxative effect. In a further clinical trial (*ibid*, 1957, 1, 439) A. S. Duncan shows that Senokot is a more effective laxative than extract of cascara. Confirmation was obtained of indications that Senokot might be suitable for use as a routine laxative for puerperal women. Its value during pregnancy was more difficult to subject to clinical trial but it appeared satisfactory and a few patients complaining of severe morning sickness had improved dramatically following its regular administration.

### A NEW AGENT AGAINST LIPÆMIA

AN investigation into a substance which possesses the anti-lipæmic properties of heparin but has no anticoagulant action has been made (*British Medical Journal*, 1957, 1, 310) with a view to its use as a lipæmia-clearing substance in patients with ischaemic heart disease. E. M. M. Besterman and J. Evans point out that in 1954 it was noted that certain sulphated polysaccharides with negligible anticoagulant action would clear turbid serum in rats. Later it was shown that laminarin, a relatively homogeneous polysaccharide obtained from the seaweed *Laminaria cloustoni* could be sulphated to varying degrees. The lower sulphated compound was studied to determine whether it exhibited anti-lipæmic properties similar to those of heparin as judged by their effect on the electrophoretic pattern of the serum proteins. A single intravenous injection of the lower-sulphated polysaccharide, laminarin sulphate, cleared lipæmic serum, increased the electrophoretic mobility of lipoproteins and altered the distribution of lipoproteins in the same way as heparin. Changes were almost immediate after injection and the effect persisted for four to six hours. It is concluded that laminarin sulphate is a suitable substance with which to study the effect of prolonged administration of "fat-clearing" substances on the course of atherosclerosis in man. Using laminarin a long-term investigation of patients with ischaemic heart disease will be undertaken.



# "OPEN SHOP"

AN UNSCRIPTED COMMENTARY ON THE  
SPECIAL PROBLEMS OF THE PHARMACIST  
IN RETAIL PRACTICE

E. C. TENNER



THE winter seems to have passed without a recurrence of the ice and snow of 1956, and an old sailor friend has told me to expect a fine and mild March and April. Easter and Whitsun are late this year, and summer could hardly be worse than it was last year.

At this stage, is one entitled to take a slightly optimistic view of chemists' trading possibilities in 1957? On the dark side of the picture are rising prices and the certainty of receiving a greatly reduced number of dispensing fees for National Health Service items. The famous 2½d. increase may easily be completely offset by the fees we shall miss altogether. The 20 per cent. reduction in rate assessments will almost certainly be largely absorbed by the rising rate poundage. There is no sign of any reduction in the amount of price cutting we must contend with, and proprietary articles of all sorts are continuing to multiply and duplicate each other all the time.

## Influencing Gross Profit

The size of the dispensing fee under N.H.S. is in active negotiation, I hope. Contractors do not expect to wait another year for a fresh settlement. Rising overhead expenses, including rates, are not matters pharmacists can control in any direct way. However, other chemists and myself ought to be able to influence the margin of gross profit—by which we live—offered to us by manufacturers and wholesalers. The terms on which chemists trade have for too long been just those offered by the manufacturers and wholesalers themselves, who are mainly concerned with their own profits and who wish to buy distribution of their products as cheaply as they can. For too long we have not effectively criticised our margin of gross profit. Perhaps we have not appreciated that our living—the net profit after overheads have been deducted from gross profit—has been reduced by the same amount as the overheads have increased. Why do we not concern ourselves most seriously with that relationship and make it clear to manufacturers just how much our gross profit must be increased beyond the long out-of-date conceptions of 20, 25 or 33½ per cent. Let each pause and think how much even only 2½ per cent. of his turnover would increase his present net profit. Valuable statistical data that must be in the hands of our National Health Service negotiators ought to be used for negotiations with our suppliers to improve margins by at least 5 per cent.

Last month I broached the idea of a negotiating committee, instructed by a delegate council and informed by a permanent marketing research department that would deal authoritatively with manufacturers and wholesalers on chemists' behalf. Unless, indeed, chemists are soon able to make a strong *démarche*, the economic stress of fierce competition among manufacturers will cause suppliers to disregard retailers' interests in order to improve their own.

A positive disservice to retail pharmacy is the current cult of advertising, supposedly only to doctors, of a confusing and so-called "basic" price apparently to give the reader the impression that the price is not expensive. I understand that, when questioned about that policy, one of the firms perpetrating it made the lame excuse, "The others are all doing it." The most recent instance I have seen concerned the "basic" price to the pharmacist of a product I frequently sell over my counter (I shall not recommend it again). Leaflets sent to doctors find themselves in the hands of all

sorts of patients and journalists. It needs little imagination to see that one of the direct results of the policy of advertising a "basic" price could be an extension of price cutting, not to speak of considerable inconvenience to you and me explaining the exact difference between gross and net profit to an unconvinced customer. And where do we stand now in the matter of price maintenance? Cutters all over the country are snapping their fingers at price maintenance. Which of the manufacturers who have professed support of price maintenance is going to serve the first writ on a cutter? There has now been plenty of time to prepare the test case adequately, and I have been anxiously waiting to read an account of the proceedings. [But see p. 294—EDITOR.] I am beginning to fear that, unless we push our manufacturing friends along, they may all prefer to leave it to someone else to break the ice.

Profit margins, advertising, and price maintenance are only three of many matters on which we must speak to the manufacturers and wholesalers in a voice to which they will be bound to listen. We need not fear for the public to hear us. The public loves fair play, and we are only demanding just that. We must remember that in the end it is the public who pay for our services. So why have we heard so little of the proceedings of the National Pharmaceutical Union's marketing policy subcommittee? What policies are they pursuing? Have they made any advance towards formulating a policy? What results have been achieved? What has the subcommittee learned?

The chairman of the National Pharmaceutical Union (Mr. Allen Aldington, who is attending at least one Branch and Association annual dinner and dance) could not do better than shed a little light on the Union's marketing policy. In any event many members will have the opportunity of personal contact with him during those meetings and should use it to impress upon him their urgent concern for action aimed at defining and prosecuting a virile marketing policy for pharmacy.

## Questions for Candidates

In the coming month there will be other annual dinners and meetings of Branches of the Pharmaceutical Society. They will be held up and down the country and the speakers will be Council members or retiring Council members offering themselves for re-election. All should be asked about the decisions of the Council subcommittee that is considering the whole question of the practice of pharmacy, including hours of service. Another question worth addressing to Council members and candidates at every available opportunity is: "What do you think the Pharmaceutical Society should do to convince the public and Parliament that, in the public interest, pharmacists should be made the channel through which all medicines are distributed?"

## ECHOES OF THE PAST

### A WARNING AGAINST MEDICINES

From a letter to "myn ryght worshypful hosbond, John Paston" from his wife, Margaret, June 8, 1464 (Paston Letters, ed. Gairdner).

"ALSO for Goddys sake be war what medesyns ye take of any fysiassians of London; I schal never trust to hem be cause of your fadr and myn onkyl, whoys sowlys God assoyle."



## FESTIVE OCCASIONS

### HALIFAX

#### Non-member Graduates Problem

THE problem of the increasing number of graduates in pharmacy who do not become members of the Pharmaceutical Society was raised at the annual dinner of the Halifax Branch of the Society on February 21 by Mr. S. THORNTON (Branch chairman), who pointed out that the Society might eventually have to decide whether or not to surrender pharmaceutical education to the universities. Mr. Thornton hoped that the Society would be able to retain a firm hold upon the eventual registration of graduates. They needed a scheme to incorporate those who were not registered as students of the Society. Among the guests at the dinner was Alderman F. H. Swire (mayor of Halifax) who is a member of the Branch.

### LEICESTER

#### "This, Mr. Gunn, is Your Life"

IN the speech of Mr. C. GUNN (head of the school of pharmacy, Leicester College of Technology and Commerce) at the school's reunion dinner and dance, on March 6, was a remark that must have had unintended meaning to a group of second-year diploma students at the school. What he said was that "versatility, possibly brought about by expansion of the syllabus, makes the pharmacist able to take on almost any job." Those students were later to demonstrate the truth of his remark by staging a versatile and polished "This-is-your-life" presentation that would do credit to professional producers, technicians and script-writers. Their subject was the career of Mr. Gunn himself. After only two weeks of imaginative planning and intensive work they put on a half-hour show that was authentic theatre down to the frustrating rehearsal in the afternoon and "all-right-on-the-night" actual performance. To Mr. Gunn, who knew nothing about it beforehand, the programme must have brought proud moments. Pride also could well be taken by the instigators of the entertainment: Misses Barbara Scarpe and Pamela Saxelby, Messrs. John Dade, Peter Farmer, Brian Newbould, I. G. Hughes and B. Zatland as they heard the applause which acclaimed their show. Nothing had been allowed to leak out beforehand and Mrs. Gunn had played her part, recording a message in advance and maintaining strict secrecy thereafter. Appropriate other recordings from associates and friends portrayed stages in Mr. Gunn's life. His schooldays and an apprenticeship in Kirkcaldy, Fife, were recalled, and his student days at the Heriot-Watt College, Edinburgh, where, on qualifying, he was asked to stay on as lecturer. Switch to 1929, when he was offered a post in Leicester and helped to lay the foundation of what now ranks one of the finest schools of pharmacy in the country; to 1931, when he both married and took his B.Pharm. degree; and to 1941, when he became head of the school. There were portrayed also the appointment by Mr. Gunn of a welfare officer (Miss Crowther) to find suitable

accommodation for students and generally to look after them; his social work, including the inauguration of the school's magazine *Tonic*; his presidency of the athletic club; his organising of trips to pharmaceutical plants; and his initiation of the annual reunion dinner and dance. Perhaps the happiest touch was the inclusion of a message, recorded earlier in the day, from his son Ian, at present serving with the Forces in Cyprus. Idea, execution and presentation alike bore testimony to the skill of Mr. Gunn in bringing out the best in his talented students. At the dinner the toast "Our Guests" was proposed by Mr. D. TRAVERS and replied to by Mr. D. C. M. NEWALL (president of the Students' Association); that of "The Old Lags" by Mr. R. H. S. FINNEY, Mr. R. W. RICHARDS, replying. Perhaps a special word of praise is due to Mr. Eric Allen who proved to be an accomplished commentator.



Mr. and Mrs. Gunn show keen interest in the "script."

## ESSENCE MANUFACTURE IN INDIA

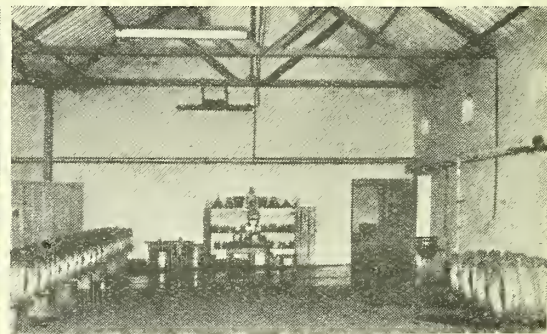
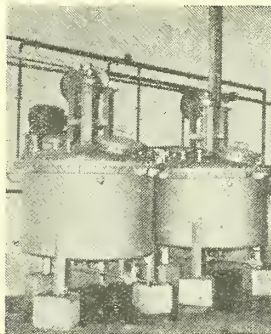
### A new British factory in Madras

WITH the opening by W. J. Bush & Co., Ltd., London, at Nellikuppam, Madras, South India, of a factory for producing non-alcoholic essences, liquid colours and perfumed compounds, a new chapter was opened recently in the company's history. As much of the company's raw material as possible is being obtained from Indian sources and in due course manufacturing plants are to be developed to produce a large variety of raw materials from basic ingredients purchased in India. The factory will operate under the title W. J.

Bush Products (Private), Ltd. It was inaugurated by the Union Deputy Minister of Health before leading citizens and businessmen. Messrs. A. J. McIntyre and T. Love (managing director and general works manager respectively of the parent London company) travelled to India for the ceremony. Welcoming guests to the factory, Mr. G. N. Noel-Todd (chairman of Parry & Co., and of the board of directors of the new company), said that he had no doubt the factory would grow and contribute towards India's increasing prosperity.



Left: The Union Deputy Minister of Health (Smt. Maragatham Chandreshkaran) is received by Messrs. McIntyre and Love. Right: Entrance to the factory.



Left: A section of the manufacturing plant. Right: Raw materials store.



## Facts his doctor wasn't told...

Retired for the last three years, the patient complains that he's unable to keep pace with his gentle present-day routine. 'Says he's always tired . . . can't understand it as he's always been so active for his age. He doesn't say how- ever that since his wife died, he's lost interest in his food . . . his attention to diet has been lacking and regular meals have been replaced by casual snacks.

GEVRAL Geriatric Vitamin—Mineral Supplement was evolved to enable doc- tors to treat just such patients—to pro- vide a balanced ration of essential nutrients in the simplest form. The usual dosage is one capsule daily—and the GEVRAL formula is so comprehensive that this routine provides effective all- round supplementation. Indeed, for many elderly patients the result is a gratifying return of general well-being —and the rediscovery that life is worth living!

*another member of the*

**LEDERLE VITAMIN RANGE**



# GEVRAL\*

Capsules

Geriatric Vitamin—Mineral Supplement

Each capsule contains:

Vitamin A	5,000 I.U.	Ascorbic Acid (C)	50 mg.
Vitamin D (viosterol)	500 I.U.	(Purified intrinsic factor concentrate 0.5 mg.)	
Vitamin B <sub>12</sub> as present in concentrated extractives from streptomyces fermentation	1 microgram.	Rutin	25 mg.
Thiamine mononitrate (B <sub>1</sub> )	5 mg.	Iron (as FeSO <sub>4</sub> )	10 mg.
Riboflavin (B <sub>2</sub> )	5 mg.	Iodine (as KI)	0.5 mg.
Niacinamide	15 mg.	Calcium (as CaHPO <sub>4</sub> )	145 mg.
Folic Acid	1 mg.	Phosphorus (as CaHPO <sub>4</sub> )	110 mg.
Pyridoxine HCl (B <sub>6</sub> )	0.5 mg.	Boron (as Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> ·10H <sub>2</sub> O)	0.1 mg.
Calcium pantothenate	5 mg.	Copper (as CuO)	1 mg.
Choline dihydrogen citrate	100 mg.	Fluorine (as CaF <sub>2</sub> )	0.1 mg.
Inositol	50 mg.	Manganese (as MnO <sub>2</sub> )	1 mg.
Vitamin E	10 Units	Magnesium (as MgO)	1 mg.
		Potassium (as K <sub>2</sub> SO <sub>4</sub> )	5 mg.
		Zinc (as ZnO)	0.5 mg.

\*REGD. TRADEMARK

LEDERLE LABORATORIES DIVISION *Cyanamid* OF GREAT BRITAIN LTD., London. W.C.2





# GELUSIL *antacid-adsorbent*

**Well-formulated for relief—  
well *planned* for the market**

THERE ARE TWO REASONS why Gelusil is such a well-known and steady seller in the indigestion market.

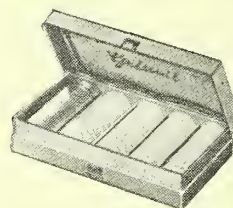
FIRSTLY, there's a steady flow of doctors' scripts for Gelusil. They prescribe it for peptic ulcer, knowing it to be a safe, effective, non-constipating antacid-adsorbent. And doctors' recommendations bring sales from sufferers from less serious gastric upsets, too.

SECONDLY, the demand for Gelusil is increasing daily due to regular detailing to doctors, dentists, and nurses and to interesting and effective mailings. There are six Gelusil packs, each carefully planned to fit neatly into a sector of the antacid market:—

For intermittent sufferers from "heartburn" or indigestion, there's the handy 20 tablet pack, attractively priced at 2/4d. (incl. P.T.).



More regular customers will prefer this 4/8d. (incl. P.T.) 50 tablet pack containing a handy "carry-around" tube.



People who prefer Gelusil in suspension form will welcome the 6 oz. bottle at 4/11d. (incl. P.T.).



NEW . . .

## DISPENSING PACKS

Gelusil is also available in dispensing packs of 250 and 500 tablets supplied at list price 9/- each and 15/- each (no P.T.).

NEW Gelusil suspension is now supplied, for dispensing purposes only, in a new 24 oz. pack, list price 9/- each (no P.T.). The 6 oz. dispensing pack will be discontinued, although the 6 oz. retail pack will still be available.

*You would be well advised to keep well stocked with*

# GELUSIL



WILLIAM R. WARNER & CO. LTD., Power Road, London, W.4.

## TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, MARCH 13: The week has again seen little activity in either CRUDE DRUGS or ESSENTIAL OILS. Additional inquiry was, however, noted in some quarters for those PHARMACEUTICAL CHEMICALS likely to be affected by the higher alcohol prices announced last week.

The first parcel of new-crop BUCHU to arrive was offered on the spot at 7s 3d. per lb. Chinese MENTHOL was lower by one shilling per lb. in all positions, while Brazilian was cheaper by threepence for prompt shipment. It seems unlikely that the high premium for spot Jamaican GINGER can be maintained much longer as a parcel of grade 3 now in the course of landing is being offered at a discount of 80s. per cwt. SPICES generally were very dull but PEPPER was a little firmer following demand from the Continent. Some forward business was done in Brazilian IPECACUANHA but later it was impossible to get shipment offers; Colombian was also not quoted forward.

HELIOTROPINE was reduced by one shilling per lb. ACETANALIDE has been increased by one halfpenny per lb. following the higher acetic acid prices. As anticipated in last week's report, ETHER (anæsthetic) prices have been adjusted and quotations for PARALDEHYDE have been increased by another manufacturer. SODIUM and POTASSIUM ACETATES are slightly dearer.

ESSENTIAL OILS, where tested, were inclined to be easier. Ceylon CITRONELLA was from one penny to threepence down as to delivery, whilst Formosan type was down by threepence. LEMON-GRASS and Chinese PEPPERMINT were also reduced by threepence per lb. both on the spot and for shipment.

### Pharmaceutical Chemicals

ACETANILIDE. — 1-cwt. lots are 2s. 10d. per lb. for crystals and 5-cwt., 2s. 9d. Powder is 1d. per lb. more.

ALOID. — Spot lots are from 23s. per lb.

ANTIMONY SALTS. — Quotations for POTASSIUM TARTRATE, B.P., are 7s. 6d. per lb. for 1-10 cwt. and SODIUM TARTRATE, B.P., 13s. 3d.

ATROPINE. — Rates (per oz.) for 16-oz. lots are: ALKALOID, 23s. 6d.; SULPHATE, 19s. 6d.; METHONITRATE, 26s. 6d.; METHYLBROMIDE, 25s. 6d. Quotations for 1-oz. lots are 1s. 6d. above those rates.

BRUCINE. — ALKALOID is from 1s. 2d. to 1s. 6d. per oz. and NITRATE and SULPHATE from 1s. 1d. to 1s. 5d. per oz. (100-oz. and 25-oz. respectively).

CALCIUM CARBONATE. — B.P. light-precipitated powder is £29 per ton, ex store. Minimum 1-ton lots.

ETHER. — Prices (per lb.) in winchesters: — TECHNICAL, B.S.S. and SOLVENT, 5-cwt., 2s. 5d.; 10-cwt., 2s. 4d. ANÆSTHETIC, B.P., is dearer: 5-cwt., 3s. 6d.; 10-cwt. 3s. 4d. In drums prices are 4d. less than above.

GLYCEROPHOSPHATES. — Rates per lb. for 1-cwt. lots are as follows: — ACID, B.P.C., 20 per cent., 5s. 9d., CALCIUM, soluble B.P.C., 11s. 9d.; IRON, B.P.C., scale, 15s. 9d. and powder, 14s. 9d.; MANGANESE, soluble, B.P.C., 14s. 3d., and insoluble, 7s. 6d.; MANGANESE, B.P.C., 26s. 3d.; POTASSIUM, 50 per cent., B.P.C., 3s. 9d. and 75 per cent., B.P.C., 5s. 6d.; SODIUM, 50 per cent., B.P.C., 3s. 1d. and 75 per cent., B.P.C., 4s. 6d.

GUAIACOLS. — LIQUID, B.P. is 16s. 3d. per lb. for 28-lb. lots; CRYSTALS, 16s. 9d.; CARBONATE, 18s. 3d.

HOMATROPINE. — Current rates (per oz.) for 16-oz. lots are now: ALKALOID, 28s. 6d.; HYDROBROMIDE, 23s. 6d.; HYDROCHLORIDE, 27s. 6d.; METHYLBROMIDE, 24s. 6d. 1-oz. rates are 1s. 6d. per oz. above those rates.

HYDROGEN PEROXIDE. — Carboy lots of 20 vols. are 5s. per gall. The 35 per cent. (by weight) is 158s. per cwt. in 1-cwt. carboys.

ISOPRENALINE SULPHATE. — B.P. is 1s. 3d. per gm. for 1,000-gm. lots and 1s. 9d. per gm. for 100-gm. lots.

KAOLIN. — In 1-cwt. bags LIGHT is quoted at 60s. per cwt. and 1-ton lots at 57s.

LACTIC ACID. — B.P. is 4s. 3d. per lb. for 12-winchester lots and 3s. 10d. for 5-cwt. lots.

LITHIUM SALTS. — Current minimum rates (5-cwt.) are as follows: — BENZOATE, 11s. per lb.; CARBONATE, B.P.C., 11s. 3d.; CHLORIDE (commercial), 10s. 9d. to 11s.; HYDROXIDE, 9s. 9d.; CITRATE, B.P.C., 9s.; SULPHATE, 8s. 6d.; SALICYLATE, 9s. 9d.; (10-cwt.), delivered.

MAGNESIUM CARBONATE. — Minimum bulk rate for LIGHT is 12s. per cwt.; HEAVY is 160s. per cwt. for 5-cwt. lots and about 135s. per cwt. for 1-ton lots, delivered U.K.

MAGNESIUM OXIDE, B.P. — Bulk rates are as follows: — LIGHT, 3s. 3d. per lb. and HEAVY, 5s. 10d. per lb.

MAGNESIUM TRISILICATE. — In 28-lb. packages the prices (per lb.) are now as follows: — 28-lb., 4s. 9½d.; 1-cwt., 3s. 10d.; 5-cwt., 3s. 7d.; 1-ton, 3s. 1d.

MANDELIC ACID. — In 1-cwt. lots the price is 12s. 6d. per lb. with the CALCIUM SALT also 12s. 6d. SODIUM MANDELATE is 13s. and AMMONIUM MANDELATE 50 per cent. solution, 7s. 6d.

MERCURY DERIVATIVES. — Quotations (per kilo) for 50-kilo lots are as follows: — AMMONIATED, B.P., lump or powder, 60s.; PERCHLORIDE, B.P., powder, 52s. 6d. and lump, 53s. 6d.; SUBCHLORIDE (calomel) B.P., 61s., OXIDES, B.P.C., levigated or yellow, B.P., 63s. 6d.

OLEIC ACID. — Price of pale distilled is 160s. per cwt. for 3½-cwt. original loaned drums.

PARAFFINS. — Prices to wholesale distributors are: — Liquid: HEAVY, B.P., £106 12s. 6d. per ton; LIGHT, B.P., £86 10s.; Technical White oils, £76 15s. for the LIGHT and £90 5s. for the MEDIUM, all in 40-50 gall. returnable loaned drums, delivered U.K. Soft: WHITE, medium consistency is now £106 10s. per ton. WHITE, soft consistency, £104 7s. 6d., and YELLOW, £84 7s. 6d. all B.P., in non-returnable drums delivered.

PARALDEHYDE. — B.P. in 12 winchester lots is 2s. 7d. per lb.; 10-gall. carboy, 2s. 2d., and 5 carboys, 2s. Stabilised in 40-gall. drum lots, 166s. per cwt.; technical, 149s. per cwt.

PHENOL. — Basic price for ice crystals in drums is 1s. 4½d. per lb. (under 1-ton lots, 1s. 7½d.). Detached crystals, 2d. per lb. above and LIQUID B.P., ¼d. per lb. below the foregoing basic prices.

PHENOLPHTHALEIN. — Rate for 1-cwt. lots is 11s. per lb.

PHENYTOIN SODIUM. — B.P. is 23s. per lb. in 1-cwt. lots.

PILOCARPINE. — In 2½-kilo lots prices are: HYDROCHLORIDE, 996s. per kilo; NITRATE, 890s.

POTASSIUM ACETATE. — B.P. is 3s. 3d. per lb. in 1-cwt. lots.

POTASSIUM CHLORIDE. — In 1-cwt. lots B.P., is 2s. per lb.

PROCAINE HYDROCHLORIDE. — 1-cwt. lots are 30s. per lb.

QUINIDINE. — Prices are as follows: —

Home Trade	500-oz. or more		100-400-oz.	
	per oz.		per oz.	
	s.	d.	s.	d.
QUINIDINE				
ALKALOID .. ..	7	6	7	8
GLUCONATE .. ..	8	10½	9	1
HYDROBROMIDE ..	6	2	6	4
HYDROCHLORIDE ..	6	4	6	6
SULPHATE .. ..	5	8	5	9½
HYDROQUINIDINE				
HYDROCHLORIDE ..	10	7	10	10
GLUCONATE .. ..	8	1	8	4

For export quinidine alkaloid (crystals) ranges from £11 17s. 3d. to £12 2s. 4d. per kilo and sulphate from £9 to £9 5s. 1d.

QUININE. — Makers' nominal rates (per oz.) for 100-oz. lots and over are: — ALKALOID, 3s. 10d.; ACETYSALICYLATE, 5s. 4d.; BISULPHITE and SULPHATE B.P. 1932, 2s. 8d.; SULPHATE, B.P. 1948 3s.; DIHYDROBROMIDE and DIHYDROCHLORIDE, 3s. 10d.; FORMATE, 4s. 8d.; GLYCEROPHOSPHATE, 4s. 5d.; PHOSPHATE, 4s. 4d.; HYDROBROMIDE and HYDROCHLORIDE, 3s. 5d.; SALICYLATE, 3s. 11d.; QUININE and UREA HYDROCHLORIDE, B.P.C., 4s., TANNATE, 2s. 7d.

SALICYLIC ACID. — Prices are now: 5-cwt. lots in bulk, 3s. 0½d. per lb.; 1-cwt., 3s. 2½d.

SANTONIN. — 25-kilo lots are 620s. per kilo.

SODIUM ACETATE. — B.P.C. in 28-lb. lots is 2s. 4d. per lb.; 1-cwt. 2s. 1d., and 5-cwt., 1s. 11d.

SULPHUR. — B.P. PRECIPITATE in 1-ton lots is £112 10s. per ton, delivered U.K.

TEREBINTH. — B.P. is 2s. 3d. per lb.

ZINC CARBONATE. — In 1-cwt. lots the price is 1s. 9½d. per lb.

ZINC CHLORIDE. — B.P.C., cake from 4s. 6d. to 4s. 10d. per lb.; sticks from 5s. 10d. to 6s. 2d. per lb. TECHNICAL, 117s. 6d. per cwt.

ZINC OXIDE. — Rates for B.P. quality are: 2-ton lots, £132 per ton; 1-ton, £133; 5-cwt., £136; and under 5-cwt., £139.

ZINC PEROXIDE. — Price (per lb.) for 1-cwt. lots of B.P. is 5s. 3d.

ZINC SULPHATE. — B.P. in 1-cwt. lots is quoted as 1s. 9d. per lb.; technical, 60s. per cwt.

### Crude Drugs

ACONITE. — Spot supplies of Spanish *napellus* are 3s. 3d. per lb., duty paid.

AGAR. — *Kobé* is from 13s. to 16s. per lb., duty paid as to quality. March-April shipment, 11s., c.i.f.

ANISEED (STAR). — Chinese is 130s. per cwt., c.i.f., for afloat, Spot nominal at 175s., duty paid.

ANTIMONY. — English 99.6 per cent. is £222 10s.; 99 per cent., £210 per ton.

BALSAMS. — Quotations (per lb.) are: — CANADA: Spot value 30s. COPAIBA. Para is from 7s. 9d. to 11s., duty paid. PERU, 10s., duty paid. TOLU (genuine as imported), 26s.; B.P., 17s. 6d., spot.



**BELLADONNA.**—Herb is 2s. 6d. per lb. on the spot. Root, 1s. 10d. spot; shipment, 1s. 3d., c.i.f.

**BENZON.**—Sumatra block on the spot is from £25 to £30 per cwt. No. 1 for shipment is £23 5s., c.i.f. Almonds, 15s. per lb., c.i.f.

**BUCHU.**—New-crop on the spot is offered at 7s. 3d. per lb. and for shipment at 6s. 9d., c.i.f.

**CAPSICUMS.**—East African are from 120s. to 210s. per cwt. on the spot, as to quality.

**CASCARA SAGRADA.**—Firm, American 1955 peel is 350s. per cwt., duty paid, 1956 processed peel for shipment, 300s., c.i.f.

**CASCARILLA.**—Spot market bare of whole cut bark. No shipment offers.

**CASSIA BARK.**—Whole on the spot is now quoted at 120s. per cwt., in bond, with forward offers still unobtainable. Broken, 110s., in bond, and shipment, 105s., c.i.f.

**CHAMOMILE FLOWERS.**—Belgian are 22s. to 22s. 6d. per lb. on spot.

**CHERRY BARK.**—Thin natural is from 1s. 10½d. per lb., duty paid, and rossed, 2s., on the spot.

**CLOVES.**—Zanzibar on the spot are quoted at 3s. 8d. per lb. Shipment, 3s. 4½d., c.i.f.

**COCHINEAL.**—Silver-grey, Peruvian, 14s. 6d. per lb. Canary Isles, 18s. 6d.; black-brilliant, 28s. 6d.

**COCILLANA.**—Bark is 2s. 3d. per lb. on the spot.

**GENTIAN.**—Spot: French, 185s. per cwt.; Spanish, 165s.; Jugo-Slavian, 155s.

**GINGER.**—African on the spot is 195s. per cwt. and March-April shipment, 195s., c.i.f. Jamaican No. 3 spot, 730s.; new-crop for March shipment is 555s., c.i.f. A parcel now landing is offered at 650s. Cochon for February-March shipment, 120s. per cwt.

**IPECACUANHA.**—(Per lb.). Colombian, spot, 52s. 6d.; Nicaraguan, spot, 58s.; no shipment offers. Costa Rican, 54s. 6d., c.i.f.

**KOLA NUTS.**—Jamaican are offered at about 8d. per lb., spot, and 6½d., c.i.f. African, 5½d.

**LOBELIA HERB.**—Spot offers are from 7s. to 7s. 6d. per lb.

**MENTHOL.**—Chinese. Spot is 51s. 6d. per lb., duty paid; afloat, from 48s. 6d. to 49s., c.i.f., as to position. Brazilian, spot, 42s. 6d., duty paid; shipment, 39s. 6d., c.i.f.

**PEPPER.**—White Sarawak is 2s. 1½d. per lb. on the spot, with prompt shipment at 2s. 1d., c.i.f. Black Sarawak is offering on the spot at 1s. 8½d. per lb., March shipment, 1s. 7d., c.i.f. Black Malabar, 220s. per cwt. on the spot; prompt shipment, 190s., c.i.f.

**PODOPHYLLUM.**—*Emodi* is 165s. per cwt., c.i.f. *Peltatum*, 4s. per lb. spot nominal, and 430s. per cwt., c.i.f., for shipment.

**RHUBARB.**—Quotations for Chinese are from 6s. 6d. to 9s. 3d. per lb., as to quality.

**SAFFRON.**—Mancha Selecta is 280s. per lb., on the spot.

**SARSAPARILLA.**—Jamaican native red on the spot is 2s. 9½d. per lb., and for shipment, 2s. 8d., c.i.f.

**SASSAFRAS.**—Selected bark is 5s. per lb. on the spot.

**SEEDS.**—(Per cwt.). **ANISE.**—Spot, Cyprian, 175s.; Bulgarian, 165s., duty paid. **CARAWAY.**—Dutch now offering at 135s., duty paid, **CELERY.**—Indian now landing quoted at 205s., spot terms. **CORIANDER.**—Spot, Moroccan, 95s.; Rumanian, 75s.; Polish, 65s., all duty paid. Shipment, Moroccan reported sold

at 65s., c.i.f., London. **CUMIN.**—Spot, Cyprian, 135s.; Iranian, 132s. 6d., duty paid. Shipment, Cyprian now quoted at 130s., c.i.f. **DILL.**—Indian offering at 65s., spot. **FENNEL.**—Indian scarce at 120s. on spot. **FENUGREEK.**—Small business passing in Moroccan at 67s. 6d., duty paid. Indian quoted at 70s. **MUSTARD.**—English, 65s. to 85s., according to quality.

**SENEGA.**—Spot is 18s. 6d. per lb. with shippers asking 18s., c.i.f.

**SENNA.**—*Tinnevely* LEAVES are short on the spot. A few prime No. 1 are available at 1s. 5d. per lb., market otherwise bare; **PODS**, f.a.q., 9½d.; hand-picked, 1s. 3d. to 2s. *Alexandrian* pods available from 1s. 6d. to about 3s. 6d. per lb.; best quality hand-picked not offered.

**SHELLAC.**—F.O.T.N., 235s. per cwt.; F.O. No. 1, 250s.; fine orange, 280s. to 330s.

**SLIPPERY ELM.**—Grinding quality bark is 2s. 6d. per lb.

**SQUILL.**—White is offered on the spot at 57s. to 62s. 6d.

**STRAMONIUM.**—Indian LEAVES are 70s. per cwt., and European 80s. on the spot.

**STYRAX.**—Spot quotations are 6s. 6d. per lb.

**TONQUIN BEANS.**—Para on the spot are offered at 10s. per lb.

**TRAGACANTH.**—No. 1 ribbon is £175 to £180 per cwt.; No. 2, £150.

**TURMERIC.**—Madras finger on the spot is 80s. per cwt. with new-crop, April-May shipment at 60s., c.i.f.

**VALERIAN ROOT.**—Indian on the spot is 140s. per cwt. Dutch for prompt shipment, 187s., c.i.f.

**VANILLIN.**—Rates (per lb.) are:—5-cwt. lots, 27s. 3d.; 1-cwt., 27s. 6d.; 56-lb., 27s. 9d.; smaller quantities, 28s.

**WAXES.**—(Per cwt.). **BEES.**—Dar-es-Salaam, shipment, 570s., c.i.f., spot, 610s.; Sudanese, 615s. duty paid and 530s., c.i.f. Abyssinian, spot, 580s., duty paid; March-April, 530s., c.i.f. **CANDELILLA.**—Spot is 550s. **CARNAUBA.**—Fatty grey, spot, 530s. per cwt.; for shipment, 500s., c.i.f. Prime yellow, spot, 1,200s.; shipment, 1,060s., c.i.f.

**WITCH HAZEL LEAVES.**—Spot supplies are 2s. 3d. per lb.; prompt shipment, 2s. 1d., c.i.f.

### Essential and Expressed Oils

**ALMOND.**—British oil is about 12s. 6d. per lb.; imported, 10s. 9d.

**AMBER.**—Rectified on the spot quoted at from 1s. 6d. per lb.

**ANISE.**—Chinese, 13s. 1½d. per lb., spot; shipment, 12s. 10½d., c.i.f.

**BAY.**—West Indian is 12s. 6d. per lb. on the spot.

**CASTOR.**—Lower. Minimum charge for home-produced B.P. oil on the spot is now £183 per ton naked ex mill.

**CASSIA.**—Spot quotations are nominally 13s. 6d. per lb. and shipment, 13s. 3d., c.i.f.

**CEDARWOOD.**—1-cwt. lots of American are 7s. per lb., and Kenya, 4s. 6d.

**CELERY SEED.**—Oil is 107s. 6d. per lb. for bulk lots.

**CHENOPodium.**—Spot value is now 34s. per lb. for original containers.

**CINNAMON.**—From quillings, English-distilled is quoted at 30s. per oz. Ceylon leaf, crude, 14s. 6d. and rectified, 25s. per lb., spot.

**CITRONELLA.**—Ceylon, spot, 6s.; afloat, 5s. 9d. per lb.; March-April shipment, 5s. 5d., c.i.f. Formosan afloat is 7s. 6d., c.i.f.; shipment, 7s. 3d., c.i.f.; spot, 8s. 9d., duty paid.

**GARLIC.**—English is 55s. per oz., spot.

**GERANIUM.**—Bourbon is from 95s. per lb. on the spot and Algerian, 87s. 6d.

**GINGER.**—English-distilled oil is 205s. per lb. Imported: Jamaican, 167s. 6d.; Chinese, 100s., duty paid.

**GINGERGRASS.**—Spot offers are from 27s. 6d. per lb.

**HYATA.**—Formosan, minimum 90 per cent. saffrole, 4s. 10½d. per lb., spot.

**JUNIPER BERRY.**—B.P.C. oil is from 12s. 6d. per lb. and Jugo-Slavian, 14s. on the spot. English-distilled is 155s. Wood, from 5s.

**LAVANDIN.**—Spot is from 14s. 6d. per lb. for original drums.

**LAVENDER.**—French oil is from 55s. to 80s. per lb. as to make.

**LAVENDER SPIKE.**—Spanish is offered from 14s. per lb. on the spot.

**LEMON.**—Prices of B.P. oil (4 per cent. citral) vary greatly on the spot according to quality and range between 23s. and 35s. per lb. Californian, 28s. 6d. to 36s. 4d., c.i.f., as to quality, subject to licence.

**LEMONGRASS.**—Spot is 9s. 6d. per lb., and shipment, 9s., c.i.f.

**LIME.**—West Indian distilled is 45s. per lb. on the spot.

**NUTMEG.**—Imported B.P. oil is about 105s. per lb. English-distilled, 180s. nominal.

**OLIVE.**—New-crop on the spot is about 30s. per lb., ex wharf, for B.P.

**ORANGE.**—Spot quotations of sweet oil include Floridan at 4s. per lb.; Californian, 6s. 6d.; West Indian, 7s. 6d.; South African, 6s. 6d.; West African, 20s. For shipment, proprietary brand Californian cold-pressed, U.S.P., 13s. 2d., c.i.f. Terpeneless is 200s. per lb., spot; and bitter, 21s. 6d. per lb.

**OTTO OF ROSE.**—Turkish is £250 per kilo.

**PENNYROYAL.**—Spot is quoted from 17s. 6d. per lb., duty paid.

**PEPPERMINT.**—*Arvensis*: Chinese is 30s. per lb. on the spot and 28s. 9d., c.i.f. Brazilian, 20s., spot, and 19s., c.i.f. Formosan, 20s., c.i.f.; spot, 20s. 6d. Italian "Mitcham" type oil on the spot is from 52s. 6d. to 65s.; American, 35s. to 42s. 6d. as to origin.

**PIMENTO.**—English-distilled berry is 185s. per lb.; imported, 75s. Rectified leaf, 27s. 6d. per lb. for small lots.

**PINE.**—*Pumilionis* on the spot is from 16s. per lb.; *syvestris*, 25s.; Siberian (*abietis*), 12s. 6d. to 15s.

**RUE.**—Spot offers for small lots are now 17s. 6d. per lb.

**SASSAFRAS.**—Brazilian is 3s. 9d. per lb., duty paid.

**SPEARMINT.**—Offers of U.S.P. grade are from 32s. to 34s. per lb. on the spot.

**TANGERINE.**—Spot supplies offered from 23s. to 36s. per lb. as to quality.

**THYME.**—Spot is from 9s. to 14s. per lb., according to content.

**VETIVERT.**—Spot is currently at about 95s. per lb.

### UNITED STATES REPORT

NEW YORK, MARCH 12: Competitive conditions brought a reduction of two cents in LITHIUM HYDROXIDE MONOHYDRATE to 78 cents per lb. Producers increased N.F. grade PHENOTHIAZINE to 43 cents a lb., up four cents. CHAMOMILE was quiet with Hungarian 85-95 cents a lb., and Roman, \$3 with stocks now adequate. Pipe GAMBAGE was \$1.90 per lb. (up 15 cents) and TOLU BALSAM, \$4.75 (down 15 cents). Lower per lb. were cold pressed Californian LEMON OIL at \$4.00, and \$3.75 as to grade (both down \$1); LEMONGRASS OIL at \$1.45 (down 10 cents); and Formosan CITRONELLA at \$1.20 (down 15 cents).



## TRADE MARKS

### APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," February 27

or medicated creams for vaginal use; and anti-  
ptics and germicides (5)

DELFIN, 752,634, by Ortho Pharmaceutical  
Corporation, Raritan, New Jersey, U.S.A.

or medicated drops for use in the treatment of  
asal infections (5)

TRYPP, B753,498, by Benson-Nuen Labora-  
tories, Inc., New York, U.S.A.

or pharmaceutical preparations for use in the  
treatment of coughs (5)

Device with the words ALLEN'S COUGH  
SYRUP, B757,500, by Allen & Hanburys, Ltd.,  
London, E.2.

or pharmaceutical preparations of vitamins in  
capsule form (5)

POLYDAC, 758,059, by Parke, Davis & Co.,  
Detroit, Michigan, U.S.A.

or pharmaceutical preparations and substances  
or gynaecological use (5)

GYNORM, 758,097, by Albert John Gough,  
Ashford, Middlesex.

or pharmaceutical, veterinary and sanitary sub-  
stances; infants' foods; medical and surgical  
tasters; material prepared for bandaging; material  
for stopping teeth, dental wax; deodorants, anti-  
perspirants, disinfectants; and preparations for  
killing weeds and destroying vermin (5)

Device of the word NEJ, 758,340, by Hans  
Strobeck Aktiebolag, Malmo, Sweden.

or pharmaceutical preparations for internal  
human use (5)

DONASIL, 758,833, by Dr. A. Wander, S.A.,  
Berne, Switzerland.

or veterinary preparations (5)

MINDIFOS, 758,946, by Boots Pure Drug Co.,  
Ltd., Nottingham.

or pharmaceutical preparations and substances  
or veterinary use (5)

FURAVGON, NEOVAGON, 759,087-88, by  
Willows Francis, Ltd., Epsom, Surrey.

or pharmaceutical preparations and substances  
containing iron (5)

PLEXIRON, 759,131, by Thomas Kerfoot &  
Co., Ltd., Bardsley, Lancs.

or antibiotics (5)

DELAMYCIN, 759,148, NIVEMYCIN,  
759,154, VISTAMYCIN, 759,158, by Boots  
Pure Drug Co., Ltd., Nottingham.

or pharmaceutical preparations for human use,  
not including medicated confectionery or any  
oods of the same description (5)

KOPS, B759,579, by British Medicinals, Ltd.,  
Nassau, Bahamas.

or pharmaceutical preparations and substances  
or human and veterinary use (5)

MEGIMATED, 760,040, ENGLATE, 760,651,  
by A. & G. Nicholas, Ltd., Slough, Bucks.

or food for infants (5)

PROSOL, 760,216, by Trufod, Ltd., Nant-  
wich, Chcs.

or pharmaceutical preparations and substances  
or export (5)

FALGOS, 760,348, by Winthrop Products,  
Ltd., Kingston-on-Thames, Surrey.

or insecticides, fungicides and weed-killing pre-  
parations (5)

SOFANATE, 760,541, by Plant Protection,  
Ltd., Yalding, Kent.

or pharmaceutical preparations and substances

NIREXON, 760,710, by Farbenfabriken Bayer,  
A.G., Leverkusen, Germany. DIDANDIN,  
760,632, by Boots Pure Drug Co., Ltd.,  
Nottingham. ENTROPECT, 759,213, by James  
Howard Evans, Esher, Surrey.

or antibiotic compounds for medical and veter-  
inary use (5)

LIGNOPEN, 760,779, by C. J. Hewlett &  
Son, Ltd., Watford, Herts.

or cameras and part (9)

Device of the word CANON, B741,219, by  
Canon Camera Co., Inc., Tokio, Japan.

or photographic cameras; flashlamps for photo-  
graphic purposes; parts and fittings (9)

CENTRICATOR, 756,257, device of the word  
CENTRICATOR, 756,259, by Centricator,  
G.m.b.H., Munich, Germany.

For appliances for removing excessive liquid from  
photographic film; and devices, being parts of  
optical projection apparatus, for holding photo-  
graphic transparencies (9)

FITRO, 759,890, by North Staffs Photographic  
Services, Newcastle, Staffs.

For cameras (9)

SPORTSMAN, 760,824, by Ilford, Ltd., Ilford,  
Essex.

For bottles and containers, all for feeding pur-  
poses; teats and valves all for feeding bottles;  
and soothers and teething rings; all for babies (10)

Device with the words SUBA - SEAL  
NATURAL, 760,147, by William Freeman &  
Co., Ltd., Barnsley, Yorks.

For paper and paper articles (16)

NEWCOL, 758,954, by Newton Chambers &  
Co., Ltd., Thorncliffe Ironworks, nr. Sheffield.

For paper towels and non-medicated toilet paper  
(16)

TWINTEX, 759,336, by Newton Chambers &  
Co., Ltd., Thorncliffe Ironworks, nr. Sheffield.

For contrivances for holding soap and shaving  
brushes by means of suction (21)

CLIC, B754,154, by Blunco (London), Ltd.,  
London, S.W.17.

For impregnated cloths for applying an anti-mist  
preparation (21)

CRYSTELLE, B759,267, by Opticrafts, Ltd.,  
Surbiton, Surrey.

For vacuum flasks (21)

ENOBAR, 759,794, by Rabone, Petersen &  
Co., Ltd., Birmingham.

For steel wool pads impregnated with a sapon-  
aceous preparation (21)

AJAX, 759,995, by Colgate-Palmolive, Ltd.,  
London, W.C.2.

## COMING EVENTS

Items for inclusion under this heading should be  
sent in time to reach the Editor not later than  
first post on Wednesday of the week of insertion.

### Monday, March 18

ENFIELD CHEMISTS' ASSOCIATION, George inn,  
The Town, Enfield, at 7.30 p.m. Mr. R. E.  
Lees on "Aspects of Manufacturing Pharmacy."

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, The  
Unicorn, Gidea Park, Essex, at 7.45 p.m. Con-  
sideration of motions for Branch Representa-  
tives' meeting.

### Tuesday, March 19

BRITISH ASSOCIATION OF CHEMISTS, West hall,  
Royal Society of Medicine, 1 Wimpole Street,  
London, W.1, at 7 p.m. Mr. H. L. Howard on  
"Chemists and the Community."

HERTFORD BRANCH, PHARMACEUTICAL SOCIETY,  
Mayflower hotel, Hertford, at 8 p.m. Mr. C. W.  
Mapplethorpe (chairman of the Society's Educa-  
tion Committee) on "The New Education  
Policy."

OLDHAM BRANCH, PHARMACEUTICAL SOCIETY,  
Mills Hill Bridge, at 2.15 p.m. Works visit.

PORTSMOUTH BRANCH, PHARMACEUTICAL SOCIETY,  
Paleys restaurant, High Street, Gosport, Hants,  
at 7.30 p.m. Consideration of amendments for  
Branch Representatives' meeting.

SHEFFIELD PHARMACEUTICAL COMMITTEE, Grand  
hotel, Leopold Street, at 7.45 p.m. General  
meeting of chemist - contractors and qualified  
staffs; Mr. P. D. J. Spaanderman (vice-chair-  
man, National Pharmaceutical Union) on  
"Current N.H.S. Topics."

SOUTH SHIELDS PHARMACEUTISTS' ASSOCIATION,  
County hotel, Sunderland Road, South Shields,  
at 7.30 p.m. A representative of Pfizer, Ltd., on  
"Cortisone and its Uses."

WEST MIDDLESEX CHEMISTS' ASSOCIATION and  
BRANCH, Feathers hotel, The Broadway, Ealing,  
London, W.5, at 8 p.m. Mr. D. D. Moir  
(secretary, Association of Public Analysts) on  
"The Work of a Public Analyst."

### Wednesday, March 20

EAST KENT BRANCH, PHARMACEUTICAL SOCIETY,  
Falstaff hotel, Canterbury, at 8 p.m. Miss  
W. Fosh on "The Ilford Colour Process."

LONDON SECTION, ROYAL INSTITUTE OF CHEMISTRY,  
Chelsea Polytechnic, Manresa Road, London,  
S.W.3, at 6 p.m. Mr. D. J. Fry on "Organic  
Chemistry in the Photographic Industry."

SOUTHAMPTON BRANCH, PHARMACEUTICAL SOCIETY,  
Bluebird café, Salisbury, Wilts, at 5 p.m., tea;  
at White Hart hotel, Salisbury, at 6 p.m., film  
show by Glaxo Laboratories, Ltd.

SOUTH LONDON AND SURREY PHARMACEUTISTS GOLF-  
ING SOCIETY, Shirley Park Golf Club, Croydon,  
at 1.30 p.m. Stableford competition for the  
Cupal prize.

SWANSEA AND WEST GLAMORGAN BRANCH, PHAR-  
MACEUTICAL SOCIETY, Central Library, Swansea,  
at 7.45 p.m. Dr. J. Davoll on "The Chemo-  
therapy of Cancer."

### Thursday, March 21

BEDFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY,  
Conservative club, Market Hill, Luton, at  
7.45 p.m. Dr. I. Peck on "The Moral Approach  
to Medical Progress."

CHELTEMHAM BRANCH, PHARMACEUTICAL SOCIETY,  
Gloucestershire Dairy café, Promenade, Chel-  
tenham, at 7.45 p.m. Talk by Dr. G. B.  
Matthews.

DUNDEE AND EASTERN SCOTTISH BRANCH, PHAR-  
MACEUTICAL SOCIETY, Royal hotel, Union Street,  
Dundee, at 7.30 p.m. Annual meeting; and  
Mr. D. Hudson (the Society's vice-president)  
on "Pharmaceutical Politics."

LONDON SECTION, ROYAL INSTITUTE OF CHEMISTRY,  
Medway College of Technology, Maidstone  
Road, Chatham, at 7 p.m. Dr. S. F. Birch on  
"Petroleum Chemicals."

SCIENTIFIC FILM ASSOCIATION, Mezzanine cinema,  
Shell Mex House, Strand, London, W.C.2, at  
6.30 p.m. Symposium on "Recording Research  
on Films."

### Friday, March 22

EDINBURGH AND SOUTH-EASTERN SCOTTISH BRANCH,  
PHARMACEUTICAL SOCIETY, 36 York Place, Edin-  
burgh, at 7.45 p.m. Annual meeting; Mr. D. W.  
Hudson (the Society's vice-president) on "Re-  
tail Pharmacy: Its Problems and Future."

## PRINT AND PUBLICITY

### COMMERCIAL TELEVISION

PROGRAMME details are given to enable chem-  
ists to put in linking-up displays if they wish.  
Notice given is as far in advance of the pro-  
gramme date as can be guaranteed by the broad-  
casting companies.

### Sunday, March 24

LONDON: Meggezons cough syrup. Gilbey's tonic  
wine. Marigold house gloves. Loxene. Anestan.  
MIDLAND: Milton. Loxene. Anne French products.  
Moore's teething jelly. Opas tablets. Penetrol  
inhalant. Strix tablets. Tangee lipstick.  
NORTH: Penetrol inhalant. Moore's teething jelly.  
Anne French products. Strix tablets.  
ALL: Max Factor products. Gibbs' S.R. tooth-  
paste. Pacquins. Colgate dental cream. Goya  
beauty puff.

### Monday, March 25

LONDON: Silvikrin shampoo. Beecham's powders.  
Alka-Seltzer. Plenamins. Sanatogen tonic wine.  
Angiers Supavite. Anadin. Anne French prod-  
ucts. Pepsodent. Twink. Brylcreem.  
MIDLAND: Milton. Gilbey's tonic wine. Sanatogen  
tonic wine. Plenamins. Tru-gel. Moore's teeth-  
ing jelly.  
NORTH: Silvikrin shampoo. Silvikrin hair dress-  
ing. Beecham's pills. Pepsodent. Alka-Seltzer.  
Brylcreem. Amami wave set. Moorland indiges-  
tion tablets. Goya beauty puff.  
ALL: Knight's Castile.

### Tuesday, March 26

LONDON: Beecham's powders. Phensic. Gilbey's  
tonic wine. Elastoplast. Nivea. Vaseline hair  
cream. Mistol. Christy's lanolin face pack.  
Innox barrier cream. Twink. Brylcreem.  
MIDLAND: Gibbs' S.R. tooth-paste. Max Factor  
products. Pepsodent. Twink.  
NORTH: Silvikrin shampoo. Beecham's pills,  
powders. Sanatogen tonic wine. Zoflora. Loxene.  
Tru-gel. Brylcreem. Alka-Seltzer.  
ALL: Knight's Castile.



## Wednesday, March 27

LONDON: Veno's cough mixture. Phensic. Loxene. Gibbs' S.R. Vaseline hair cream. Zubcs pastilles. Christy's lanoline face pack.  
MIDLAND: Elastoplast. Nivea. Pepsodent. Anadin. Spratt's mixed ovals.  
NORTH: Silvikrin shampoo. Beecham's pills, powders. Veno's cough mixture. Phensic. Plenamins. Anadin. Loxene. Brylcreem. Twink. Amami wave set.

## Thursday, March 28

LONDON: Beecham's powders. Veno's cough mixture. Phensic. Cojone tablets. Nervone. Pepsodent. Tangee lipstick. Innoxo barrier cream. Spratt's mixed ovals. Dabitoff.  
MIDLAND: Gibbs' S.R. Loxene. Nervone. Tru-gel.  
NORTH: Silvikrin shampoo. Beecham's pills, powders. Veno's cough mixture. Loxene. Gibbs' S.R. tooth-paste. Anadin. Zoflora. Brylcreem. Amami wave set. Twink. Opas tablets.

## Friday, March 29

LONDON: Silvikrin shampoo. Beecham's powders. Veno's cough mixture. Phensic. Pure Silvikrin. Snowfire wave set. Brylcreem. Moore's teething jelly.  
MIDLAND: Anadin. Twink.  
NORTH: Silvikrin shampoo. Beecham's pills, powders. Veno's cough mixture. Phensic. Gilbey's tonic wine. Gibbs' S.R. Tangee lipstick. Tru-gel.

## Saturday, March 30

LONDON: Alka-Seltzer. Meggezons cough syrup. Vaseline hair cream. Marigold house gloves. Anne French products. Nervone. Christy's face pack. Moorland indigestion tablets. Silvikrin shampoo. Opas tablets. Dabitoff. Linc-o-Lin beer shampoo. D.P. hand cleanser.  
MIDLAND: Gilbey's tonic wine. Angiers Supavite. Strix. Flush. Penetrol inhalant. Silvikrin shampoo. Tru-gel.  
NORTH: Gilbey's tonic wine. Angiers Supavite. Anne French products. Flush. Purosan. Silvikrin shampoo. Tru-gel. Strix.

ALL: Wilkinson's sword-edge razor blades. Vitagluose tablets. Anadin. Pepsodent. Twink. Max Factor products.  
Other products which are being currently advertised (but for which no day of showing has been notified) include: Care hand cream. Cussons' cold cream soap. Ammi-i-dent. Cow and Gate cereal food. Thompson & Capper, Ltd., products. Astral cream soap. Gauntlet barrier cream. Bartex sun glasses. Cephos. Swarfeya antiseptic hand cleanser. Rose's lime juice.

## PUBLICATIONS

## Booklets and Leaflets

CHILEAN IODINE EDUCATIONAL BUREAU, 24 Rope-maker Street, London, E.C.2: "Iodine Information, No. 150." Pp. 20. "Iodine Health Hints." Pp. 16.

CUSSENS, SONS & CO., LTD., 84 Brook Street, London, W.1: "Roses Grow Well." Pp. 16.

GLASS MANUFACTURERS' FEDERATION, 19 Portland Place, London, W.1: "Glass Bottles and Jars." Pp. 8.

## C. &amp; D. WEEKLY LIST OF PRICES

A=Advanced; R=Reduced; I.R.P.=Inclusive Retail Price; \*Tax 30 per cent.; †Tax 60 per cent.; ‡Tax 90 per cent.

## BOOTS PURE DRUG CO., LTD. (from March 12)

Viules medical cartridges:—					
ergometrine maleate					
0.5 mgm, 1 mil 6	3	9	5	7½	R
100	45	8	68	6	R
pethidine hydrochloride					
50 mgm, 1 mil 6	1	10	2	9	R
100 mgm, 2 mils 6	2	7	3	10½	R
150 mgm, 2 mils 6	3	10	5	9	R
pethidine hydrochloride					
100 mgm, with hyoscine hydrobromid.					
gr. 1/150 2 mils 6	3	0	4	6	R
100	42	6	63	9	R

## CANNON RUBBER MANUFACTURERS, LTD.

	Each	I.R.P.
Hot water bottles:—		
Cottage series	5	7½
Velvetex	6	0
Convector	5	8
Bamby size 3 (with handle)	4	6½
De luxe size 3 (with handle)	4	6½
Ambassador (large)	4	5
Ripple senior size 3	4	3½
junior size 2	3	11
Dolphin senior size 3	4	3½
junior size 2	3	10
Tartan size 3	4	3½
Modern size 3	4	3½
Standard size 2	4	0
Regent size 2	3	11
Baby (cot)	2	8½

## EUCRYL, LTD. (from March 18)

	Doz.	
Eucryl dental-plate fixative	12	0
	22	0

## EVANS MEDICAL SUPPLIES, LTD.

	Each	
Tuberculin P.P.D. (undiluted)	1 mil	6 8
	5 mils	27 0

## FIBRENYL, LTD.

The reduction of prices of Skylon polythene feeding bottles (see C. & D., March 9, p. 286) is effective from April 1.

## KODAK, LTD.

Cine-Kodak film (reversal):—  
Super-X spool double 8 m.m. 25 ft.‡ 26 8 A

## P.A.T.A. LIST

(Alterations notified this week by the Proprietary Articles Trade Association.)  
LIFE AND BEAUTY, LTD. (corrected note)

	Doz.	
Gayelord Hauser:—		
vitamin A and D capsules	32	0

## ADDITIONS TO THE LIST

	4 Doz.	
Koray tablets*	5	15 0
	10	22 6
	28	15 0
	64	15 0

## LIFE AND BEAUTY, LTD.

	1,000	Each	
Gayelord Hauser:—			
extra potency yeast tablets	100	28	0
	250	60	0

## PURE LEMON JUICE CO., LTD.

	Doz.	
P.L.J., natural lemon juice, small	24	6
6-11 cases	23	9
12 cases and over	22	6
large	39	6
6-11 cases	38	0
12 cases and over	36	0

## DELETIONS FROM THE LIST

## BAYER PRODUCTS, LTD.

Bioferol

## BUTLER &amp; CRISPE, LTD.

Hunter's gout and rheumatic powders

## CHESEBROUGH-POND'S, LTD.

Vaseline Capsicum petroleum jelly

## NEW PRODUCTS AND PACKS

## ALLIED LABORATORIES, LTD.

	Doz.	
Locan pessaries*	12	42 0
tax-free pack	72	18 0

## ELIZABETH ARDEN, LTD.

Velva moisture film† 18 6

## EVERETT &amp; CO.

Grooming cloth for dogs 3 11

## BOOTS PURE DRUG CO., LTD.

	Each	
Hydrocortistab skin lotion		
0.5 per cent. 20 mils	9	0
1 per cent. 20 mils	16	0
Hydromycin ear/eye drops		
3 mils	8	6

## CANNON RUBBER MANUFACTURERS, LTD.

	Each	
Hot water bottles:—		
Amcal large size	5	5
Cosy size 3	4	1½
Westminster size 3	4	0
Piccadilly size 3	4	0
Minster size 2	3	7½

## RILLING-HILLS, LTD.

	Doz.	
Rilling "all-purpose" barrier cream	25	3
	43	4

## JAMES COX &amp; CO.

Fly-killer balls 1 0

## MAX FACTOR HOLLYWOOD AND LONDON

(SALES), LTD.

Secret Key treatment† 42 0

## S. MAW, SON &amp; SONS, LTD.

Acrisepine\* 13 4

GOMAX, LTD. (Distributors: RIDDELL PRODUCTS, LTD.)

	Doz.	
Gomaxide germicide	4 oz.	10 9
	8 oz.	19 8
Gomaxine antiseptic cream		
1½ oz.	17	10

## ROUSSEL LABORATORIES, LTD.

	Doz.	
Hydrocortisyl skin spray	4	0
½ per cent. 100 c.c.	42	0

## SILMOR DISTRIBUTING CO.

Le Galcon products:—  
Sortilège perfume†

	Each	
Sortilège perfume†		
1.5 c.c.	2	9
1 c.c.	9	5
1 c.c.	15	10
1 c.c.	27	6
1 c.c.	39	2
1 c.c.	54	8

Eau de Sortilège†

	Doz.	
Eau de Sortilège†		
0.7 oz.	6	10
2 oz.	15	0
4 oz.	26	7
8 oz.	45	3
1.5 c.c.	6	3
1 c.c.	24	5
1 c.c.	41	4
1 c.c.	63	8
1 c.c.	93	9
1 c.c.	137	6

Eau de Snob†

	Doz.	
Eau de Snob†		
0.7 oz.	25	6
2 oz.	46	6
4 oz.	79	6

## C. &amp; D. RETAIL AND DISPENSING PRICE LIST

(See also C. & D., March 9, p. 286)

Cost		Item	4 oz.		1 oz.		1 dr.	
d.	per		s.	d.	s.	d.	s.	d.
46	litre	Acidum aceticum ...	0	9	0	2½	—	—
660	pt.	Alcohol (95 per cent.) (duty paid) ...	—	5	6	0	10	—
630	pt.	Alcohol (90 per cent.) (duty paid) ...	—	5	4	0	9	—
65	oz.	Alcohol dehydratum ...	—	9	6	1	6	—
111	500 mils	Ext. cascarae sag. liquidum ...	4	6	1	3	0	2½
222	2 litres	Ext. glycyrrhizae liquidum ...	2	3	0	8	0	1½
77	500 mils	Inf. caryophylli conc., B.P. '48 ...	2	6	0	9	0	2
52	500 mils	Inf. valerianae conc. ...	1	9	0	6	0	1
75	½ gal.	Spt. methylatus, 64 o.p. (mineralised) ...	0	8	2	9	pt.	—
72	½ gal.	Spt. methylatus (indust.) ...	0	6	2	8	pt.	—
108	500 mils	Spt. aetheris ...	3	6	1	0	0	2
110	500 mils	Spt. aetheris nitrosi, B.P. '48 ...	3	7	1	0	0	2
132	500 mils	Tinct. benzoin. comp. ...	5	1	1	5	0	2½

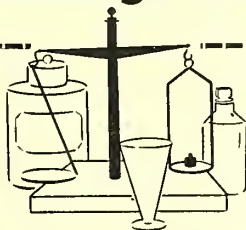
The bold letters and figures at left of dispensing price relate to the classification of poisons in THE CHEMIST AND DRUGGIST Poisons Guide.

# Sleep Sweeter BOURNVITA



Made by **CADBURY**

## A message to modern managements



### THE "DUCHESS" (illustrated)

Made in superior quality Poplin or Rayon, this elegant style is pleated back and front and has 2 side pockets, all-round belt to button and button cuffs. Sizes: SW, W, WX, OS and XOS. In wide range of colours. Price 31/6.

### THE "PROFESSIONAL" (for men)

This Long Coat has a stitched down half-belt back and is made in a special satin drill. Features: detachable buttons, 2 side and 1 breast pocket with division, 2 side vents to trousers. Vent cuffs. Seam back. Centre vent. Price 32/9.

★ Send today for a free copy of Gardiner's Overall Catalogue illustrating more than 30 styles.

Make sure your staff always looks smart and efficient in well-tailored overalls from Gardiner's. For protection, for good looks, you can't beat these elegantly-cut and finished garments. They're so hygienic—so crisp and clean. Wash them time and time again—they still look as good as new. Gardiner's overalls are made in a wide range of styles and materials, including drill, rayon and nylon.

# GARDINER'S

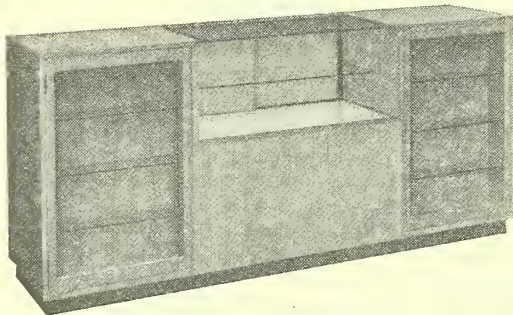
**GARDINER & CO (The Scotch House) Ltd**

1, 3 & 5 Commercial Road, London, E.1  
(Opp. Aldgate East Tube Station)  
Telephone: BISHopsgate 6751/3

Open all day Saturday — closed 1 o'clock Thursday



**Buy direct from the manufacturer!**  
**THE NEW NORLAND RANGE OF**  
**CHEMIST'S DISPLAY UNITS**



**NORLAND 'CA' Chemist Counter**

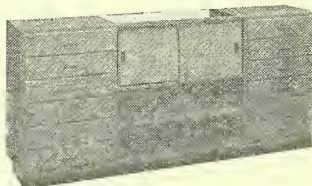
7' long x 3' high x 2' back to front, fitted in the front with 2 side Display Showcases, each with 3 adjustable glass shelves, and a centre Display Section with 1 adjustable glass shelf enclosed by veneered sliding wood doors. The rear of the Counter fitted with 6 Quick Service Drawers on either side, and in the centre below Display Section, open storage space fitted with 1 shelf. All on a 3" ebonyized recessed plinth.

**OAK £65 EX-WORKS**

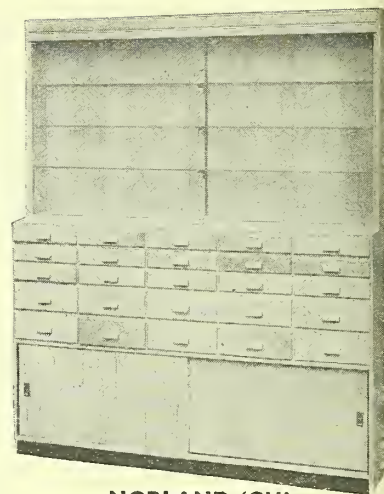
**MAHOGANY £68 EX-WORKS**

★  
 SEND FOR  
 CATALOGUES OF  
 THE COMPLETE  
 "NORLAND"  
 RANGE

★  
 DEFERRED  
 PAYMENTS CAN  
 BE ARRANGED



Rear View



**NORLAND 'CU' Chemist Wallfitting**

7' high x 6' long x 8" back to front in top section and bottom section 3' 9" high x 15" back to front. Fitted 25 Drawers. Bottom section of Unit incorporates flush sliding wood doors (to a height of 22") enclosing middle standard with shelf either side. Display Section: Polished wood interior with 3 adjustable glass shelves enclosed by rimless glass sliding doors.

**OAK £70 EX-WORKS**

**MAHOGANY £73 EX-WORKS**

**LIDDLE KEEN & CO. LTD., 1-9, NORLAND YARD, LONDON, W.11.**

**Tel: PARK 9881/3**

# NIPASEPT

*Combination of p-hydroxybenzoates*

The harmless preservative and antiseptic for pharmaceutical and medical solutions.

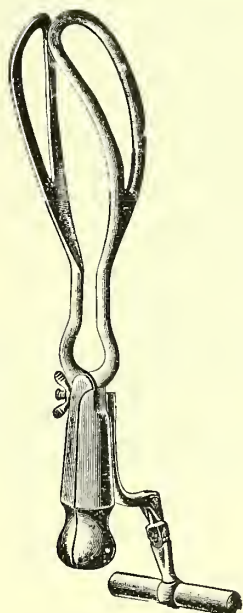
*Our Service Dept. will gladly co-operate with you on all technical problems.*

**NIPA LABORATORIES LTD.**  
**TREFOREST INDUSTRIAL ESTATE,**  
**Nr. CARDIFF.**  
**Telephone: Treforest 2128/9**

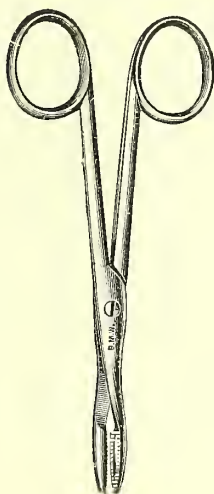
*Sole Distributors for the United Kingdom*  
**P. SAMUELSON & CO.**  
 ROMAN WALL HOUSE,  
 1 CRUTCHED FRIARS, LONDON, E.C.3  
 Telephone: ROYAL 2117/8

# Surgical Instruments

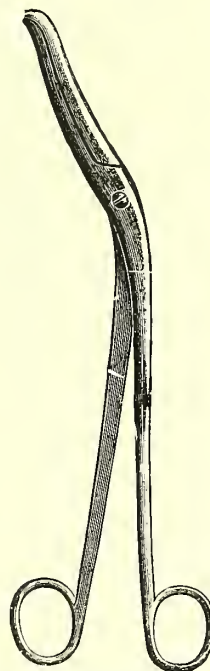
*Specimens from a wide range—AT YOUR SERVICE*



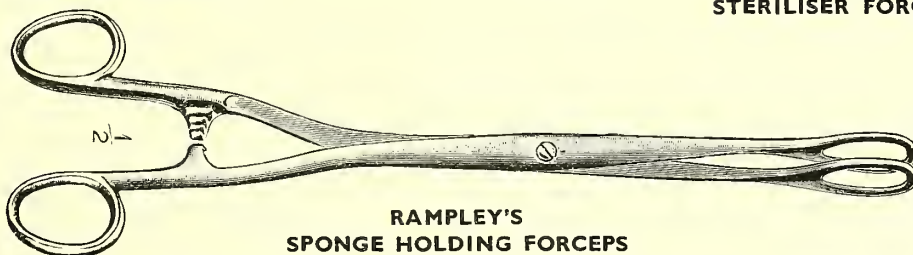
**NEVILLE'S  
MIDWIFERY FORCEPS**



**BOW  
OR SCISSOR HANDLE  
DRESSING FORCEPS**



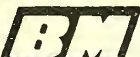
**CHEATLE  
STERILISER FORCEPS**



**RAMPLEY'S  
SPONGE HOLDING FORCEPS**

*We shall value your enquiries, and will, with  
pleasure, forward prices and details on request*

***BRITTON MALCOLM & Co. Ltd***

**38 · SOUTHWARK BRIDGE  ROAD · LONDON · S · E · 1**

**WAT 4874/6**

**D E P E N D A B L E**





**Containers—**  
*with all fittings*

**COMPRESSED PAPER PACKING LIMITED**

HORTON ROAD • WEST DRAYTON • MIDDLESEX • Tel: WEST DRAYTON 2237

**A NEW ALL-PURPOSE PERSONAL  
WEIGHING MACHINE**  
For Babies—Children—Adults

*No Loose Weights—Capacity 20 stone x 1 oz.*

These machines are manufactured in our Works at Edmonton, London, N.18.

They have been specially designed for Chemists' shops where space is limited.

Strongly constructed of Cast Iron—white enamelled with tare bar to balance off the Baby Basket.

Will give extremely accurate weighing service and comply with local Weights and Measures Bye-laws.

Obtainable from your usual wholesaler or direct from the makers.

Hire Purchase Terms are available.



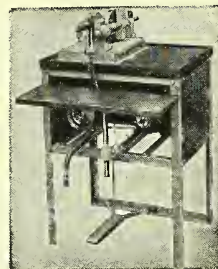
*Please send for illustrated Brochures.*

**HERBERT & SONS LIMITED**  
38 CHARTERHOUSE STREET, LONDON, E.C.1

Telephone: CLE 2812

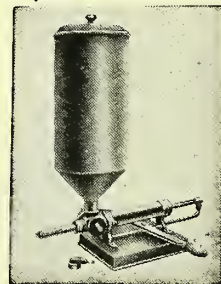
2/4 CLARENDON STREET, OXFORD ROAD, MANCHESTER, 15  
Telephone: CENTRAL 5567

*From our range of*  
**FILLING MACHINES**



Power-driven  
Volumetric Liquid  
Filling Machine. ▲

Please write for particulars of our comprehensive range of Filling Machines. We undertake to adapt our machines to individual requirements.



No. 4. Hand-operated  
Tubes, Pots and Jars  
Filling Machine. ►

THE  
**"CENTRAC"**  
MACHINES

THE BANISTER STREET WORKS LTD

18a, b, c, De BEAUVOIR ROAD, LONDON, N.1

Telephone: CLIssold 0828





**MANESTY**

**PUNCHES & DIES**

**FOR ALL TABLET MACHINES**

In tool steel or phosphor bronze. Also Tungsten Carbide insert dies

Manesty Machines Ltd. have behind them over forty years' experience in making punches and dies, and know the best steels or other metals to use, the correct hardening procedure and the best limits to work to.

**MANESTY MACHINES LIMITED**

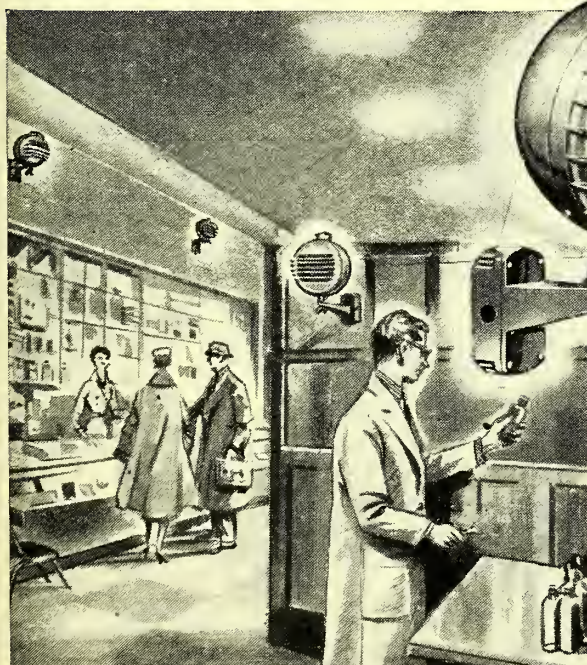
5 EVANS ROAD · SPEKE · LIVERPOOL 19  
Telephone : Hunts Cross 1972      Telegrams : Manesty Liverpool 19

Send today for your copy—'Tablet Making'. 123 pages, 31 formulae, 47 illustrations. Cloth bound 15/- net. Post free.

TABLET MACHINES · MIXERS · GRANULATORS · COATING PANS · DRYING OVENS

# COMFORT FOR YOUR SHOP & DISPENSARY

with



## SPIRALUXE

Unit Heaters

Your customers and staff will appreciate the excellent standard of heating and ventilation provided by the new "SPIRALUXE" Mark II in one compact unit. Latest design of heating element. Note these Outstanding Features: ● No floor space required. ● Quiet running. ● Low air velocity avoids disturbance but gives rapid warm-up. ● Safety guards and auto-thermal cut-out make this the safest fan heater. ● Smooth exterior avoids collection of dust. ● Ideal for the dispensary.

Smartly designed and sturdily constructed to give years of trouble-free service, the "SPIRALUXE" Mark II is attractively finished in Polychromatic Bronze. Available either as a Portable Model or for Wall Mounting (2 or 3 kW).

12 months' Guarantee. **EARLY DELIVERY.**  
Write for List No. 114/CD.

THE SPIRAL TUBE & COMPONENTS CO., LTD., OSMASTON PARK ROAD, DERBY. TELEPHONE: DERBY 48761 (3 LINES)  
London Works: Honeypot Lane, Stanmore. Tel.: Edg. 4658



# RIDDOVYDRIN

## NASAL OINTMENT

**Indications:** HAYFEVER, NASAL CATARRH, RHINITIS

**Remarks:** Rapidly absorbed by the mucous membrane, this nasal ointment quickly reduces inflammation, swelling and secretion caused by pollen toxins, and exercises as a powerful antispasmodic on Hayfever, Hay Asthma sufferers and those with allied respiratory complaints affecting the nasal area.

**Composition:** Contains Vitamin C in combination with the active constituents of the RIDDOVYDRIN ASTHMA INHALANT, increasing demands of which speak of the benefit derived from these products.

*Sole Manufacturers:*

**RIDDELL PRODUCTS LIMITED**

RIDDELL HOUSE · 10-14 DUNBRIDGE STREET · LONDON · E.2

Telephone : BISHopsgate 0843.

Telegrams : Pneumostat, Beth, London

BRANCH OFFICE - - - 11 Mansfield Chambers, St. Ann's Square, Manchester 2



WE WANT



**MILLAMALT**

BECAUSE OF THE BUTTERSCOTCH FLAVOUR

Sole Manufacturers: JEFFREYS, MILLER & CO. LTD., Leyland Mills, Wigan. (London Dept: 19 Brookside Rd. N.)

# TANNIC ACID

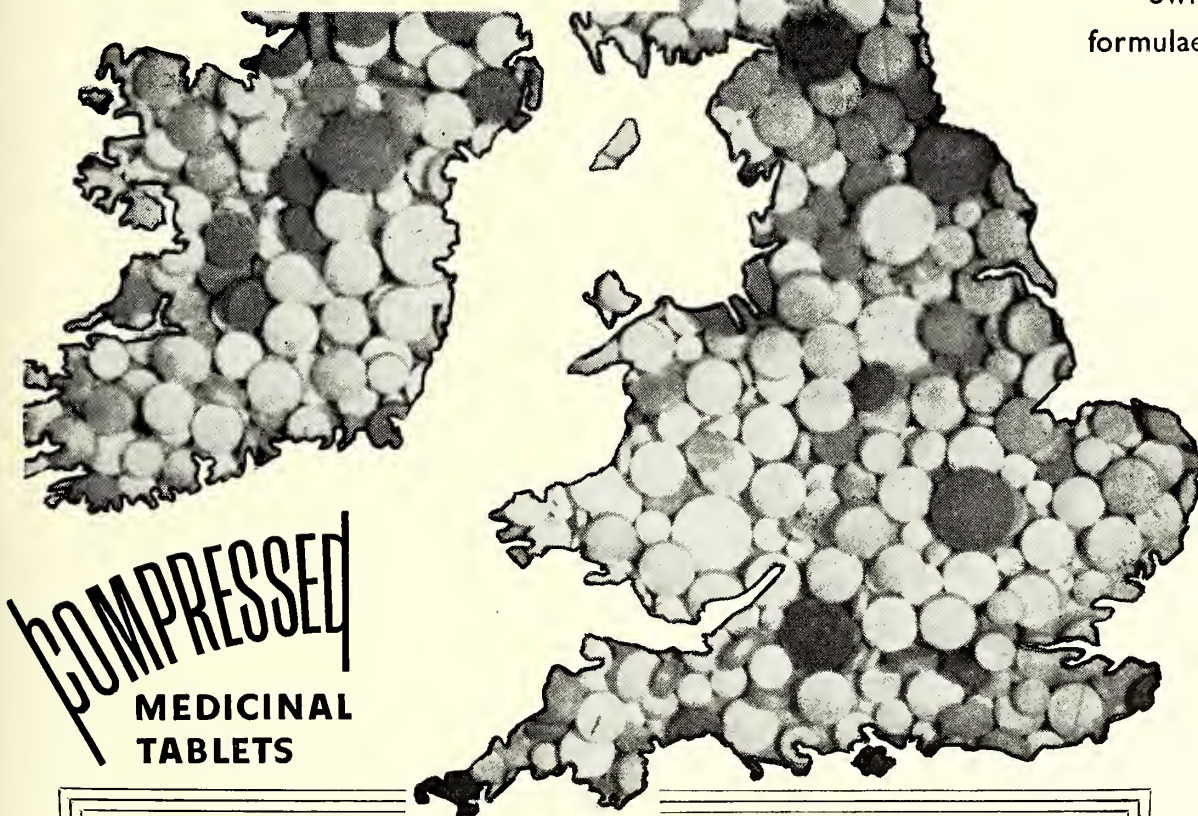
## AND DERIVATIVES

**THE BRITISH DYEWOOD COMPANY LIMITED**

19 St. VINCENT PLACE GLASGOW C.1

# **TABLETS** *by* **WOODWARD** *met with everywhere...*

Specialists  
in the  
preparation of  
tablets to  
customer's  
own  
formulae



**COMPRESSED**  
**MEDICINAL  
TABLETS**

- QUALITY AND ACCURACY GUARANTEED
- MODERN PLANT
- PROMPT DELIVERY
- HOME AND EXPORT ENQUIRIES INVITED

## **G. O. WOODWARD & CO., LTD.**

MANUFACTURING CHEMISTS

LARKHALL WORKS, MORRISH ROAD, BRIXTON HILL, LONDON, S.W.2.

Telephone: TULSE HILL 9481-2-3





3 dozen Dispenser (No. C640)  
**Acetate** containing 2 dozen pocket combs C171  
1 dozen gents' or bag combs C272  
Assorted black and tortoiseshell.  
(For assorted amber, pink, black, blue, green,  
tortoiseshell, order Dispenser No. C641.)



4 dozen Dispenser (No. C642)  
**Acetate** containing 2 dozen pocket combs C171  
1 dozen gents' or bag combs C272  
1 dozen 7" all-fine-tooth dressing combs C475  
Assorted pink, blue, green, amber,  
black, tortoiseshell.

# You'll be surprised

## how many customers



6 dozen Dispenser (No. C643)  
**Acetate** containing 2 dozen pocket combs C171  
2 dozen gents' or bag combs C272  
1 dozen ladies' dressing combs C474  
1 dozen 7" all-fine-tooth dressing combs C475  
Assorted pink, blue, green, amber,  
black, tortoiseshell.

## will remember to buy

## new combs...

## when they see these attractive



3 dozen Dispenser (No. C631)  
**Nylon** containing 2 dozen pocket combs C202  
1 dozen gents' or bag combs C202  
Assorted pink, green, blue, black.  
(For all-black order Dispenser No. C632.)

## new **HALEX** dispensers

## on your counter!



4 dozen Dispenser (No. C632)  
**Nylon** containing 2 dozen pocket combs C101  
1 dozen gents' or bag combs C202  
1 dozen 7" all-fine-tooth dressing combs C405  
Assorted pink, blue, green.  
(For all-black combs order Dispenser No. C634.)



dispenser  
2 dozen pocket  
combs or bag  
2  
adies' dressing  
4  
all-fine-tooth  
combs C405  
pink, blue, green,

**HALEX**

**SUPER**  
**HAND FINISHED**  
*Nylon* **COMBS**  
**GUARANTEED FOR ONE YEAR**

2/6 2/- 1/9 1/9 1/6 1/6

You'll be happy with  
**HALEX**

**HALEX**

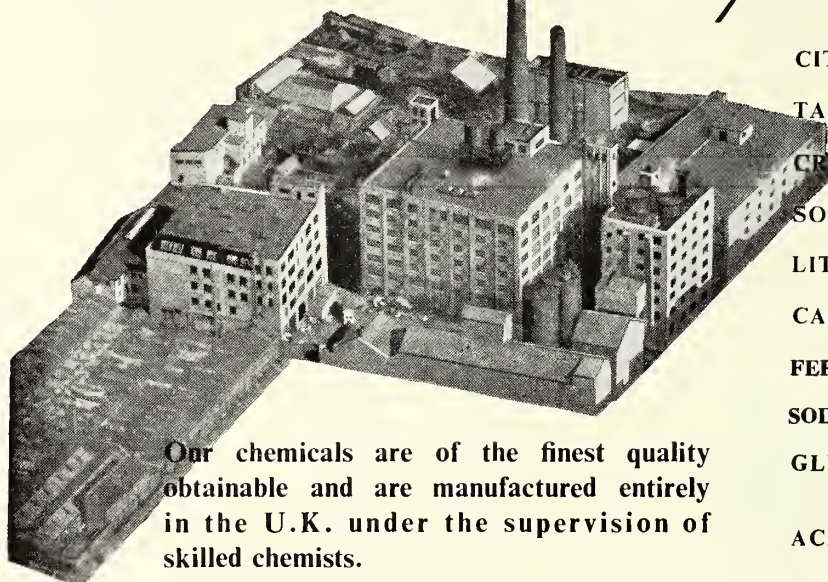
ORDER YOUR COMBS FROM YOUR USUAL  
SUPPLIER NOW! THE DISPENSERS ARE

**FREE!**

**HALEX**



# Chemical Products of Distinction



Our chemicals are of the finest quality obtainable and are manufactured entirely in the U.K. under the supervision of skilled chemists.

CITRIC ACID  
TARTARIC ACID  
CREAM OF TARTAR  
SODIUM POTASSIUM TARTRATE  
LITHIUM SALTS  
CALCIUM GLUCONATE  
FERROUS GLUCONATE  
SODIUM GLUCONATE  
GLUCONO DELTA LACTONE  
(GLUCONIC ACID ANHYDRIDE)  
ACID SODIUM CITRATE  
ITACONIC ACID

## KEMBALL, BISHOP & CO., LTD.

CROWN CHEMICAL WORKS THREE MILL LANE · BROMLEY-BY-BOW · LONDON · E.3

Telephone: ADVANCE 1234 (7 Lines)

ESTABLISHED 1870

Telegrams: KEMBALL BOCHURCH, LONDON

Spring is treacherous.

Lots of customers will be  
asking you for a remedy for colds  
and catarrh - sell them

### BESORBON

REGD. TRADE MARK

### MEDICINAL SNUFF

the *proved* remedy

*Your wholesaler can supply you  
promptly. Orders of one dozen  
come in attractive counter  
display box for*

**MORE SALES — MORE PROFIT**

KEMSALES LTD., 20 EASTCHEAP, LONDON, E.C.3



By Appointment to H.M. The Queen  
Manufacturers of Vacuum Vessels



# 1957

**1907 Thermos is the first-ever  
brand name for vacuum ware**

It's *Golden Jubilee* Year for

## THERMOS

REGISTERED TRADE MARK

—and with 50 years of progress and  
steadfastly maintained quality to their  
credit, Thermos look forward with  
confidence to Jubilee after Jubilee ahead.

**—and still the first name in 1957**



**A top-quality range of  
over 40 Flasks, Jugs, Jars and Bowls**



# Greatest success yet in the fast expanding Hair Colouring field!



Sales of COLOR-GLO have exceeded all expectations. There is no doubt that COLOR-GLO advertising — directed at women who have never dared to use hair colouring before — is creating an entirely new market for hair colouring products. COLOR-GLO is bringing sales to chemists all over the country — results since launching have been phenomenal. Don't hesitate to order adequate stocks. COLOR-GLO users do get the results they are promised. That means they will come back again and again — *on the average at least six times a year*. This will represent new business — an addition to your turnover. For most COLOR-GLO users are trying out a new kind of product — one they have never bought before.

Display these most attractive full colour packs and link up with the all-the-year-round big space advertising appearing in Woman Woman's Own and women's monthly magazines.



# Color-Glo

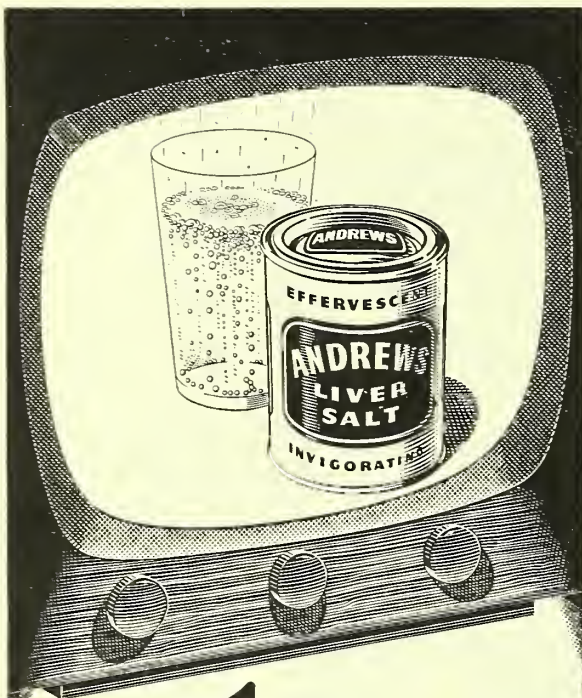
lasts through 6 to 8 shampoos TRADE MARK

Retail price 4/6 per bottle.  
Trade price 22/6 per dozen.  
plus 90% tax.

From your usual wholesaler or from:  
**GOLDEN LIMITED, 7 GROSVENOR STREET, W.I.**  
Telephone: HYDe Park 1671/6

Trade Enquiries for the Republic of Ireland should be addressed to: Lilmar Pharmaceuticals Limited Santry, Dublin.





*Here's  
your line*

**N**EW, INTENSIVE television advertising in 1957 is going to keep Andrews well to the fore as a fast-moving line. And it will be backed up by a strong nation-wide campaign in the press, on the hoardings and in the cinema.

The public believes in Andrews. They have confidence in it; and their confidence has never been shaken by exaggerated claims. Andrews packing and keeping qualities are guaranteed.

**Andrews**  
for INNER  
**CLEANLINESS**

*As advertised in the leading  
women's journals!*

# ROZALEX

## BARRIER CREAMS

— the invisible glove

On any job where hands are exposed to grease and grime or wet chores, Rozalex barrier creams, smoothed on before work, will keep hands healthy and clean.



**No. 1 for DRY WORK**  
tube 1/9 tin 2/6

**No. 8 for WET WORK** tube 1/9  
(Prices include P.T.)

ROZALEX LIMITED, 10 NORFOLK STREET, MANCHESTER 2

## FITS INTO ANY CORNER

OF THE . . . FIRST AID ROOM • WARD • TOILET • CLOAK KITCHEN • CONSULTING ROOM • DISPENSARY • OPERATING ROOM OR WHEREVER A HANDY PLACE FOR SMALL REFUSE IS REQUIRED



9 1/2" RADIUS  
8 1/2" DEEP  
WHITE ENAMELLED

**23/- EACH**  
FROM

**ROBERT BAILEY & SON, LTD.**  
SURGICAL DRESSINGS MANUFACTURERS  
DYSART STREET, GREAT MOOR, STOCKPORT  
Phone: STEPPING HILL 3006/7 Gram. "UNDISPUTED" STOCKPORT





**Keep them skipping fit Mother!**

**EDME**  
with **"Autumn Sun"**  
EXTRACT OF MALT  
WITH COD LIVER OIL  
*The finest protection for chills and ills*

**Have you seen**



**new beautifully designed  
show card size 23" x 17½"  
in 6 bright colours?**

Supplied with two side panels each 17"x10" the whole making an attractive window display, or can be used separately as counter show cards

**NOW IS THE TIME**

to make a window display and ensure a steady flow of repeat orders for

**"AUTUMN SUN,"**

the Malt and Oil with the taking flavour.

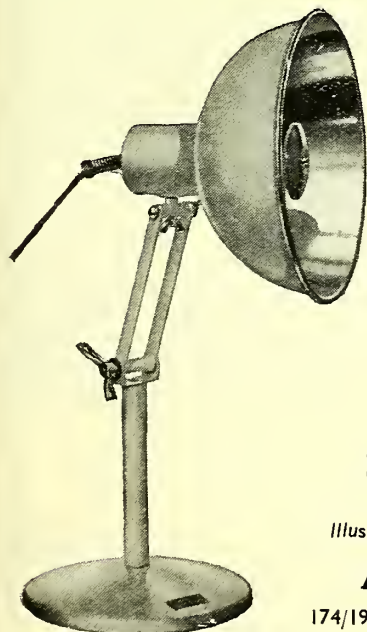
The complete set is FREE; ask our representative or write direct, sent post free.

**EDME LIMITED**

84-86, REGENT STREET, LONDON, W.1  
Works: Mistley, Essex.

*They need* **RADIARAY**

**INFRA RED and RADIANT HEAT LAMPS**



Attractively designed,  
soundly constructed from  
first-class materials and  
beautifully finished. Wide  
range includes two Tax  
Free Prescription Models.  
Quick delivery assured.

**Retail prices  
from 73/- Incl. Tax**

Illustrated brochure available from Dept. 4.

**Hinders Limited**

174/192 Estcourt Rd., London, S.W.6 Est. 1919





# TABLET IDENTIFICATION

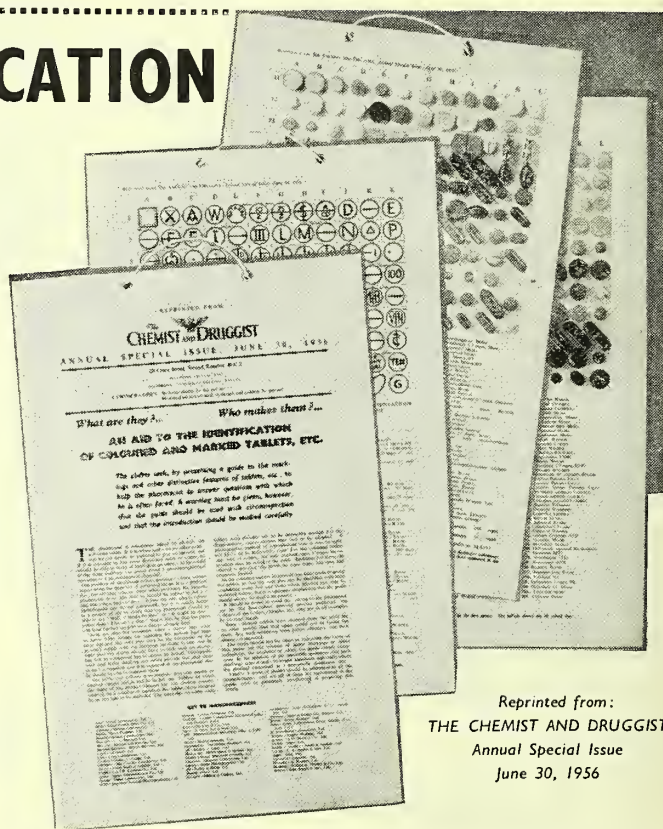
Set of 4 Charts printed in Colour with black and white diagrams for the identification of Colour and Marked Tablets, etc.

The set of four sheets size 14 x 10 ins. on art paper is priced at 1s. 6d. post free or mounted, eyeletted and corded at 5s. post free.

For convenience and speed, reference to key is arranged in columns.

Orders accompanied by Postal Order or cheque for the amount involved should be sent to the Publisher

*The*  
**CHEMIST AND DRUGGIST**  
28 ESSEX STREET, STRAND, LONDON, W.C.2  
Telephone: Central 6565



Reprinted from:  
THE CHEMIST AND DRUGGIST  
Annual Special Issue  
June 30, 1956



## MENTHOL IPECAC QUILLAIA

and all other Botanicals, Gums,  
Waxes, Essential Oils and Spices

**JOHN KELLYS (LONDON) LTD.**  
24 OLD BROAD STREET, E.C.2

Telephone: LONDON Wall 6585 (4 lines)

Telegrams: "Ergotine, Stock, London"

NEW YORK • HAMBURG



### CHEMIST'S DICTIONARY OF MEDICAL TERMS 7th Edition

Prepared primarily for pharmacists, the Dictionary is indispensable also for pharmaceutical manufacturers, advertising agents concerned with the marketing of medicinal products and indeed all who have to find their way around among the multifarious medicinal compounds of modern times.

Order direct from: **THE CHEMIST & DRUGGIST**  
28 ESSEX STREET, STRAND, LONDON, W.C.2

### EPSOM SALTS

B.P.

and Technical Quality

Special Qualities for Bath and Veterinary uses. Special types of crystals matched and any degree of exsiccation to order

### GLAUBER SALTS

B.P.

Pea or Feathery Crystals

ALL  
SPECIALLY PACKED  
FOR EXPORT

**HARRIS HART & CO. LTD.**

GREGGE STREET WORKS, HEYWOOD, LANCs

Grams: HARP Heywood, Lancs





## Healthy motherhood

### PREGNAVITE

One factor which has contributed to the encouraging decrease of infant and maternal mortality in civilized countries is the development of modern nutritional knowledge. A preparation which has contributed largely to healthier and safer motherhood in this country is PREGNAVITE. This comprehensive vitamin-mineral supplement is specifically formulated to fulfil the increased daily requirements of the pregnant or lactating woman.

*Packs of 60, 120 and 1,000. Basic price to N.H.S. 1,000 tablets 32/9.*



#### VITAVEL SYRUP for children

The delicious flavour of Vitavel Syrup solves the problem of ensuring continuity of treatment where supplementation is indicated.

*Basic price to N.H.S. 6 fl. oz. 2/6, 40 fl. oz. 16/-.*

#### BEMAX for all ages

Bemax is stabilized wheat germ — the richest natural vitamin-protein-mineral supplement. Now available as plain or chocolate-flavoured.



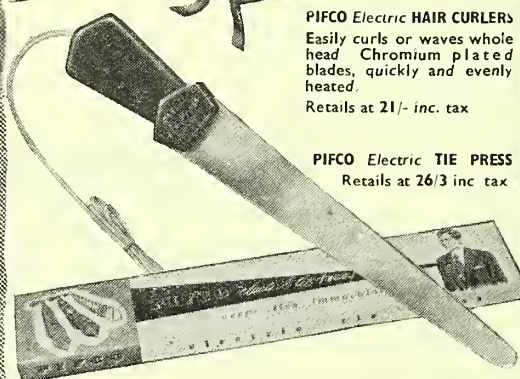
VITAMINS LIMITED (DEPT. AA6), UPPER MALL, LONDON, W.6



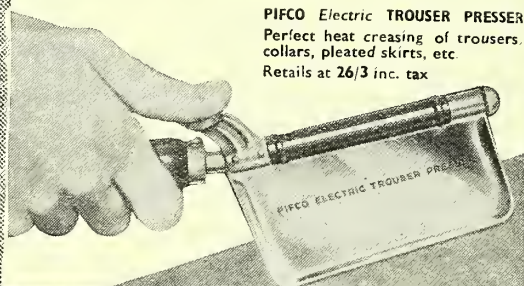
# 1957 LINES from PIFCO NEW SALES for YOU!



**PIFCO Electric HAIR CURLERS**  
Easily curls or waves whole head. Chromium plated blades, quickly and evenly heated.  
Retails at 21/- inc. tax



**PIFCO Electric TIE PRESS**  
Retails at 26/3 inc. tax

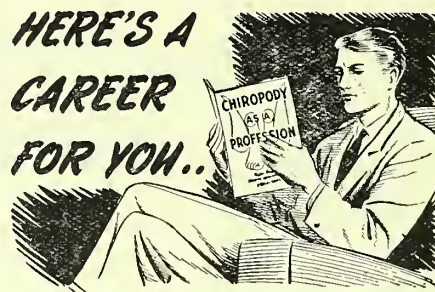


**PIFCO Electric TROUSER PRESSER**  
Perfect heat creasing of trousers, collars, pleated skirts, etc.  
Retails at 26/3 inc. tax

# PIFCO

RETAILERS: Order NOW from your usual factor.  
WHOLESALE: Write now for details of the complete PIFCO range.  
**PIFCO LTD., WATLING STREET, MANCHESTER, 4.**  
or 36-37 Upper Thames Street London, E.C.4

**HERE'S A  
CAREER  
FOR YOU..**



**to study in comfort!**

**CHIROPODY**—a remunerative profession for men and women and much of the study can be taken by correspondence and, as a career, ensures Independence, Security and Success.

Write for 40-page Prospectus  
which gives full information.

**SCHOOL OF CHIROPODY**  
(Dept. CD), LEATHERHEAD, SURREY

**SURE-SELLING STOCK!**

OVER 150 YEARS REPUTATION  
**KEARSLEY'S**

THE ORIGINAL

**WIDOW WELCH'S FEMALE PILLS**

Over 10d BOX PROFIT by ordering 1 dozen 4/3 size. Bonus given on every dozen (13). It pays to push this size.

Established 1787  
in the Reign of  
King George III

**C. & G. KEARSLEY LTD.**  
71 DARTMOUTH ROAD, LONDON, S.E.23

## MANUFACTURER'S OFFER OF STEEL SHELVING

- Brand new — Manufactured in our own works
- Shelves adjustable every inch
- Heavy gauge shelves will carry 400 lb. each
- Stove enamelled bronze green
- 6 shelves per bay — Extra shelves 8/- each
- Quantity discounts

72" High  
34" Wide  
12" Deep

Telephone:  
69018/9

**DELIVERED FREE £3 15s.**

Ready for Erection

**N. C. BROWN LTD.**

SHELVING DIVISION • EAGLE STEEL WORKS  
HEYWOOD • LANCs







By Appointment to H.M. The Queen, Chemists

# Savory & Moore

ideal for all  
dentures



**DENTURAL**  
Denture cleansing solution

Contains a special ingredient, which quickly removes disfiguring tartar and other stains. Safe for all dentures, including plastics. Quickly diluted. 2/1 and 2/11

**GLACIER CREAM**

A protective cream for mountaineers, skiers and those exposed to concentrated ultra-violet rays either direct from the sun or reflected off snow and ice.

NORMAL, non-greasy, for altitudes up to 6,000 feet, 2/9 a tube.  
HIGH ALTITUDE, grease, for use over 6,000 feet, and also in severe conditions, 3/9 a tube.  
From all Chemists or direct from SAVORY & MOORE, 143 New Bond Street, W.1

for colds  
and influenza



**QUINASP**  
Influenza Capsules

Combining the advantages of quinine and aspirin. Yet quite tasteless and easily swallowed. Effective against

for healthy  
regularity



**MEDILAX**  
LAXATIVE PELLETS

Ideally suited to the occasional needs of young and old. Comfortably persuasive. Oval shaped and silvered for easy administration 1/6 and 3/7

From all Chemists or direct from SAVORY & MOORE, 143 New Bond Street, W.1

for indigestion



**DR. JENNER'S**  
Absorbent Lozenges

First prescribed many years ago, by the eminent Physician whose name they bear. Then, as now, they were distinguished by their uncommon efficacy in subduing digestive discomfort. 1/7 and 3/9

From all Chemists or direct from SAVORY & MOORE, 143 New Bond Street, W.1

A soothing  
cooling powder



**TAYLOR'S CIMOLITE**

Used in the Royal Nurseries of many lands for over 100 years. Most Particular Chafing From all Chemists or direct from SAVORY & MOORE, 143 New Bond Street, W.1



By Appointment to H.M. The Queen, Chemists

## VERTEBRÆ!

... the facility of buying Savory & Moore high quality Pharmaceutical Products locally is not without its attractions to "more discerning" customers who form the backbone of your goodwill.

Bonus of one to the dozen on the following specialities: Dr. Jenner's Medilax, Dentural and Quinasp. Free Van Delivery in Home Counties.



# Savory & Moore

60 WELBECK STREET · LONDON · W.1

# DROXALIN


*A convenient form  
in which to administer  
Aluminium Hydroxide  
treatment*

- **DROXALIN** enables Aluminium Hydroxide to be administered in an exceptionally palatable form.
- **DROXALIN** tablets are smooth, pleasant-tasting and break down easily in the mouth. They are, therefore, completely acceptable to the gastric patient. The tablets are individually and hygienically sealed in sets of six.

Professional samples available on request

ACTIVE INGREDIENTS

- Aluminium Hydroxide
- Magnesium Trisilicate



**DROXALIN Tablets**

THE NEW ACID ADSORBENT

The new approach to the treatment of gastric acidity which first soothes relief from pain by a more rapid acid absorption without danger of a secondary acid rise which has been a drawback of older remedies. Due to its protective and demulcent properties, which are particularly helpful in accelerating the healing process, Droxalin is indicated for the treatment of peptic ulcers.

# DROXALIN Tablets

## ACID ADSORBENT

Prescribed on Form E.C.10.

Manufactured by SCOTT & TURNER LIMITED  
ANDREWS HOUSE, NEWCASTLE-ON-TYNE

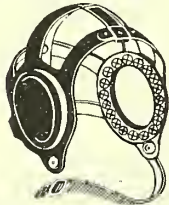


1957 Advertising in the DAILY EXPRESS · DAILY MIRROR  
DAILY MAIL · SUNDAY PICTORIAL · SUNDAY EXPRESS  
WOMAN · WOMAN'S OWN etc . . .

will help you sell more of the Famous



Last season many orders were received direct from the public who could not obtain supplies locally. To avoid disappointing YOUR customers this season please make sure you have sufficient stocks of the watertight swimming cap that is so comfortable, it's a joy to wear.



★ ★ ★ ★ ★ ★ ★ ★  
*Submarine* **REGD. SKELETON**

made especially for men who like or need ear protection.  
Adjusts to fit any head size. Black only. Price 8/6.

Obtainable from all good wholesalers or from:

**W. W. HAFFENDEN LTD., RICHBOROUGH RUBBER WORKS, SANDWICH, KENT.**

Telephone: Sandwich 3381.



6'6

The Submarine range  
comprises Clipper 2/9  
Standard 3/3  
Penguin 3/11 and Seal 4/11  
inc. P.T.

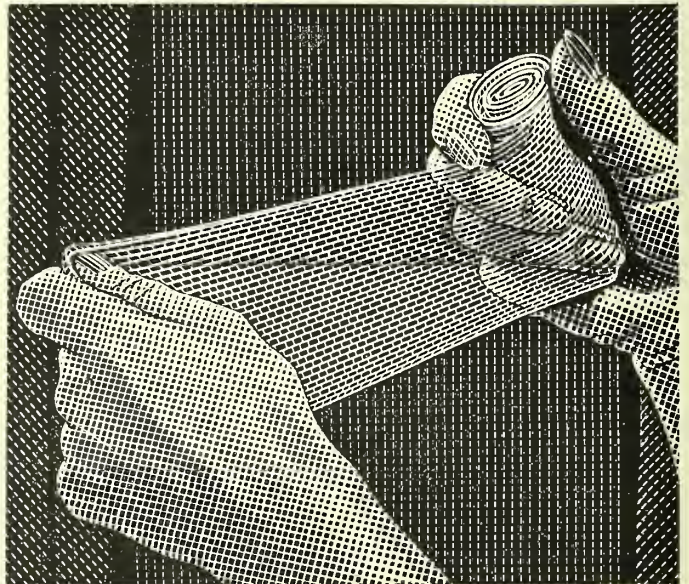
## Good name Good profits

**ELASTIC NET BANDAGE** Supplied against ordinary National Health prescription. The light, airy Lastonet supports firmly without restricting movement.

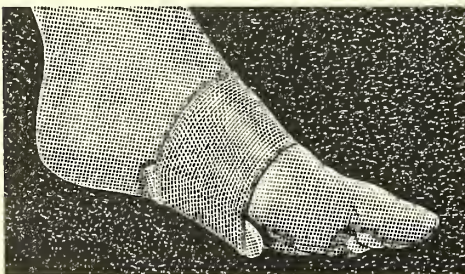
**FINGER STALLS** Require no strapping or binding. Five sizes.

**METATARSAL PAD** Chamois covered foam rubber pad with band of Lastonet. Easily the best on the market at the most reasonable retail price of 6/- per pair.

Exceptionally liberal discount to all stockists.



\* Stocking measurement forms and display material sent on request.



*Lastonet*  
**SURGICAL PRODUCTS**

⊕6

LASTONET PRODUCTS LTD, CARN BREA, REDRUTH, CORNWALL



# PROFIT FROM Johnson & Johnson PRODUCTS

Universally recommended by the medical and nursing professions, Johnson's baby products have held pride of place for more than three generations in every home where there are small children. For the retailer, Johnson's baby products sell quickly, earning him a steady, profitable income all through the year.



Johnson & Johnson's comprehensive range also includes: 'MODESS' PERSONAL PRODUCTS 'BAND-AID' ELASTIC AND PLASTIC FIRST-AID DRESSINGS • 'K-Y' STERILISED LUBRICATING JELLY • 'ELASTIKON' WOUND DRESSINGS AND MEDICATED PLASTERS • FOOT PRODUCTS COTTON WOOL • SURGICAL GAUZE AND LINT CREPE BANDAGES AND FIRST-AID KITS



## Johnson & Johnson

*The World's most trusted name in Surgical Dressings*

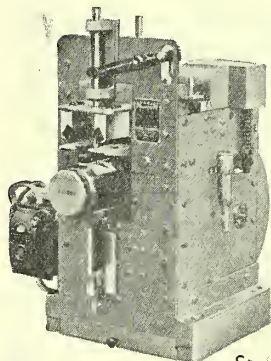
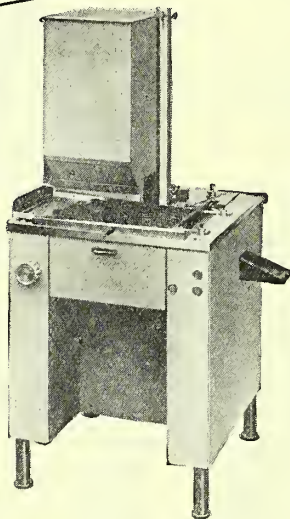


*The name is*  
**NEWMAN**  
*for labelling*  
*& packaging*  
*equipment*

**CAP LINING MACHINE**

Automatically inserts wads into small to medium bottle or jar caps. Infinitely variable speed control; quick change-over; advanced design.

MODEL 2E.

**PORTABLE LABELLING MACHINES**

Gum and apply labels to small and medium bottles, packs, etc. Quick change-over.

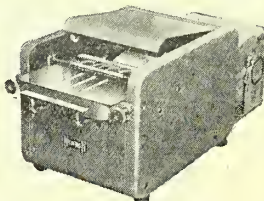
Strip Gumming MODEL 23A.  
All-over Gumming MODEL 3C.  
Automatic for small cylindrical objects MODEL 2B.

(not illustrated).

**GUMMING MACHINE**

Self-feeds labels from simple magazine, motorized, touch bar control, high speed.

MODEL 1D.



Write for details—no obligation

**D. TRAPOW & CO. LTD.**  
ENGINEERS

113/115A REGENTS PARK ROAD, LONDON, N.W.1

Telephone: PRImrose 6688

## BACK, KIDNEY and BLADDER PILLS



"The box with the pink wrapper"

A profitable line packed in two sizes  
retailing at 1/9 and 2/9

SMALL SIZE

LARGE SIZE

**6/9****12/6**

PER DOZEN

PER DOZEN

**THE ACTON PILL & TABLET CO. LTD.**

ASH VALE · SURREY

Phone: FARNBOROUGH (HANTS) 698

For more than 100 years

**CAMTHOL**

has been recommended  
for COUGHS & COLDS

**CAMTHOL LINCTUS**

The Cough mixture for Adults

**CAMTHOL PASTILLES**

In tins suitable for pocket and handbag

**CAMTHOL VAPOUR RUB**

Incorporating the finest Essential Oils



BONUS—Thirteen to the dozen on all orders

	Retail	per doz.
CAMTHOL LINCTUS	3/- per bott. inc. P.T.	Cost 27/6
CAMTHOL PASTILLES	1/9 per tin inc. P.T.	Cost 14/11
CAMTHOL VAPOUR RUB	1/9 per jar inc. P.T.	Cost 14/11

**B. HOOPER & CO. LTD.**

6 RAILWAY PLACE, FENCHURCH STREET,  
LONDON, E.C.3.





# OUTSTANDING VALUE • APPEAL • PROFIT

An outstanding A.P.F. line—more than a toy, a novelty with real interest and educative value. At this price, a sure winner. Neat and compact and strongly made in rich polystyrene plastic. Individually boxed for easy handling. Stock it, display it and—watch the sales roll in.

## 3-DIMENSIONAL VIEWER

Only **2/6** retail

follow up sales with the...

## VISTASCREEN 3-D VIEWS

Almost 100 sets of ten pictures, each set separately boxed. Beauty spots... Historic houses... Glamour models... Animals for the children. They're natural, inevitable sales to follow the sale of a viewer. At only 2/6 a set they'll be one of your 'best-sellers' ever!



per **2/6** set



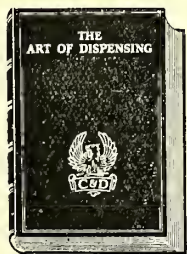
THE VISTASCREEN CO. LTD., 16 Soho Sq., London, W.1  
Phone COVent Garden 3333 (A Member of the Capital Group of Companies)

—A Modern Version of an Old Favourite

# The Art of Dispensing



Now Completely re-written



"The Art of Dispensing" is the most economical, complete and up-to-date manual dealing with the pharmacist's work at the dispensing counter. This treatise on the methods and processes involved in compounding medical prescriptions has proved of untold value to generations of pharmacists and may, indeed, be regarded as the classical work on this subject. Many of the difficulties and perplexities met with in the daily practice of the art and craft of pharmacy are explained in simple yet concise fashion. This book is a necessary part of the equipment of every dispensary. New ideas have been incorporated and scientific knowledge has been added to the art formerly based on skilful training during apprenticeship and from experience gained in pharmacies of international repute.

Order from your Bookseller or  
direct from The Publisher :

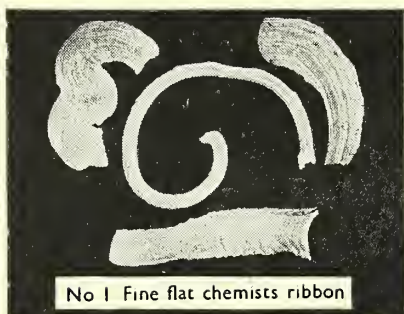
The  
**CHEMIST AND DRUGGIST**

Price 2Is.  
(Postage 1/3)

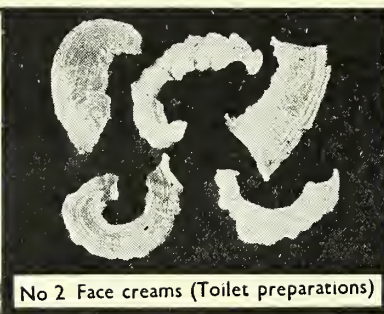
28 ESSEX STREET ... STRAND ... LONDON, W.C.2



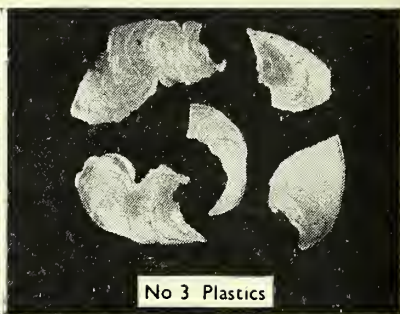
# TO MAKE SURE THAT THE GUM TRAGACANTH



No 1 Fine flat chemists ribbon

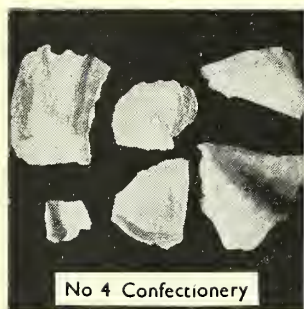


No 2 Face creams (Toilet preparations)

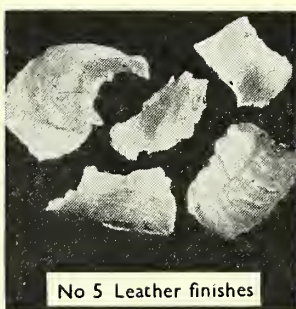


No 3 Plastics

**YOU USE IS ALWAYS OF THE SAME GRADE AND**



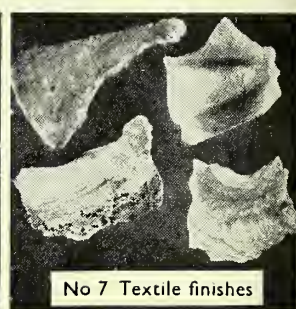
No 4 Confectionery



No 5 Leather finishes



No 6 Sauce manufacture

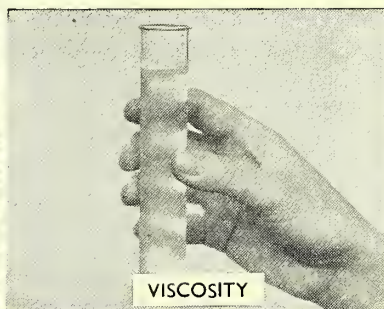


No 7 Textile finishes

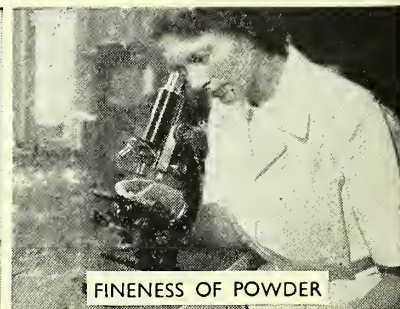
**ALWAYS HAS THE SAME CHARACTERISTICS**



COLOUR



VISCOSITY



FINENESS OF POWDER

**ALWAYS SPECIFY**

# Red Carnation

BRAND

## POWDERED GUM TRAGACANTH

Ground by a special process to ensure controlled tenuity. Tested at every stage of processing to establish stabilised viscosity, colour and fineness of powder. Graded into four predetermined standards, BXXX, BXX, BX and BA. Packed in airtight tins to preserve freshness.

WHOLESALE AGENTS FOR SMALL PACKS (4 OZ., 8 OZ. AND 16 OZ. TINS)  
SANGERS LTD. • MAY, ROBERTS AND COMPANY, LTD • FRANCIS NEWBURY AND SONS, LTD.

KIMPTON BROS. LTD., (Est. 1882) 110 FENCHURCH ST., LONDON, E.C.3 ROYAL 5544 (6 lines)





# The CHEMIST AND DRUGGIST

## CLASSIFIED ADVERTISEMENTS (Prepaid)

Specially spaced Advertisements, including:—Public and Legal Notices, Sale by Auction, Appointments, Contract Work, Patents, Partnerships, 18/- per 1 inch minimum and pro rata. Box 2/-; Clearances and Wants, Businesses for Disposal and Wanted, Premises, Agents Wanted, Agencies Wanted, Miscellaneous, 17/6 for 36 words minimum: then 4d. per word. Box 2/-; Situations Vacant, 12/- for 36 words minimum, then 4d. per word. Box 2/-; Situations Wanted, 3/- for 18 words minimum: then 2d. per word. Box 1/-; Replies to Box numbers should be addressed to:—The Chemist and Druggist, 28, Essex Street, Strand, London, W.C.2. Phone: CENtral 6565.

## ORRIDGE & COMPANY

**184 STRAND, W.C.2**

Tel: TEMple Bar 9212/3 & 6340

**CHEMIST BUSINESS TRANSFER AGENTS AND VALUERS WHOLESALE AND RETAIL**

**BRANCHES: BIRMINGHAM · SOUTHAMPTON · LIVERPOOL · SHEFFIELD · CARDIFF**

Irish Representative: Mr. J. A. Bassett, Ph.C., 57 Great Victoria Street, Belfast, Northern Ireland Tel: Belfast 27078

### BUSINESSES FOR DISPOSAL

**SOUTHERN RHODESIA** — Eastern districts: Retail chemist business for sale. Established 17 years and showing excellent returns. Owner wishes to retire. For further details write in first instance to Box CD. 536, c/o 191 Gresham House, E.C.2. C 6345

### APPOINTMENTS

**BETHNAL GREEN HOSPITAL, CAMBRIDGE HEATH ROAD, E.2**  
Senior Pharmacist and Pharmacist

Immediate vacancies, modernised department, salary as Whitley Council scales. Canteen facilities available. Applications with names of two referees to be addressed to the Hospital Secretary. C 311

**CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE, ST. LEONARD'S HOSPITAL, NUTTALL STREET, LONDON, N.1**

Locum Assistants-in-Dispensing (Apothecaries' Hall Certificate) required for periods between June and September for duties at four hospitals within the Group. Further information from and applications to the Chief Pharmacist. C 6326

**CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE, ST. LEONARD'S HOSPITAL, NUTTALL STREET, LONDON, N.1**  
Locum Pharmacists

required for periods between May and September for duties at four hospitals within the Group. Salary up to 16 guineas per week. Further information from and applications to the Chief Pharmacist. C 6325

**CITY GENERAL HOSPITAL, SHEFFIELD, 5**  
Locum Pharmacist

required. Rate of pay £16 16s. per week. Apply giving full details and period available to the Group Secretary, Nether Edge Hospital, Sheffield, 11. C 6297

**CLARE HALL HOSPITAL, SOUTH MIMMS, Nr. BARNET, HERTS**  
(405 beds for diseases of the chest)  
Senior Pharmacist

required. Whitley Council scale, including London Weighting (also £25 per annum for higher qualification if appropriate). Department serves other hospitals. Applications, stating age, qualifications, experience, and giving names of two referees, to be sent to the Medical Director. C 312

**ELIZABETH GARRETT ANDERSON HOSPITAL (Royal Free Hospital Group)**  
Pharmacist

Applications are invited for the post of Pharmacist at this hospital. Salary in accordance with Whitley Council scale. Applications, with names of two referees, should be addressed to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, W.C.1. C 6300

**DUDLEY, STOURBRIDGE AND DISTRICT HOSPITAL MANAGEMENT COMMITTEE**  
Senior Pharmacist

Applications are invited for the post of Senior Pharmacist at THE GUEST HOSPITAL, DUDLEY. Salary and conditions of service in accordance with the Pharmaceutical Whitley Council scale.

Applications, stating age and experience, together with the names of two referees, to the House Governor and Secretary, The Guest Hospital, Dudley, Worcestershire. C 6336

**FINCHLEY MEMORIAL HOSPITAL, GRANVILLE ROAD, NORTH FINCHLEY, N.12**  
Part-time Pharmacist

20-24 hours weekly, suitable for married woman. Whitley salary. Apply to Hospital Secretary. C 313

**H.M. PRISON SERVICE**  
Chief Pharmacist Category III

Applications are invited from men and women for an appointment at H.M. Prison, Wandsworth, London, S.W.18.

Applicants should be not less than 25 years of age and must be registered pharmacists. Salary £785 x £30—£845 x £35—£915 x £40—£1,035 x £35—£1,070 p.a.

Posts in London carry a £30 addition up to £800; £40 on £801—£1,000 and £50 over £1,000. An allowance of £25 is payable in addition to holders of a recognised higher qualification. Regulations and application forms from the Establishment Officer (E.51/7/9), Prison Commission, Horseferry House, Dean Ryle Street, London, S.W.1, to be returned by March 26, 1957. C 6323

**KING EDWARD VII HOSPITAL, WINDSOR**  
Locum Pharmacist

required, June to August, inclusive. Salary by arrangement. Applications to Secretary, as soon as possible. C 6253

**LONDON JEWISH HOSPITAL, STEPNEY GREEN, E.1**  
Pharmacist

required. Salary scale £580 x £30 (6) x £25 (1) to £785 p.a. plus London Weighting. Whitley Council conditions of service. Also LOCUM PHARMACIST required from April 15, 1957 (telephone Chief Pharmacist, Stepney Green 4251 for further particulars).

Applications stating age, qualifications, experience and the names of two referees, to the Hospital Secretary. C 6342

**ROYAL NORTHERN HOSPITAL, HOLLOWAY ROAD, LONDON, N.7**  
Senior Pharmacist

required. Duties will include preparation of sterile products. Position vacant. Whitley Council salary. Application forms obtainable from Hospital Secretary. C 6307

**ST. BARTHOLOMEW'S HOSPITAL, LONDON, E.C.1**  
Senior Pharmacist

required in early April. Salary in accordance with Whitley Council scales. Particular responsibility for sterilising work in the department. Applications in writing, giving details, to Chief Pharmacist. C 6302

**ROYAL NORTHERN HOSPITAL, HOLLOWAY ROAD, LONDON, N.7**  
Pharmacist

required. Whitley salary and conditions. Incremental credit given for National Service or previous retail experience. Within easy reach of Archway and Holloway Road underground. Post vacant April 8. Application forms from Hospital Secretary. C 6337

**SHEFFIELD No. 1 HOSPITAL MANAGEMENT COMMITTEE**  
Pharmacist

Applications are invited for the appointment of pharmacist at the City General Hospital. Salary scale £580 x £30 (6)—£760 x £25 (1)—£785. Increments on scale may be granted to candidates with previous professional experience or who have completed national service since qualification.

Apply giving full details of age, qualifications, experience, etc., and the names of two persons for reference to the Group Secretary, Nether Edge Hospital, Sheffield, 11. C 6309

**ST. BARTHOLOMEW'S HOSPITAL, LONDON, E.C.1**  
Locum Pharmacist

required from April to October. Salary at the rate of £16 16s. per week. Applications, in writing, giving details, to Chief Pharmacist. C 6301

**ST. HELIER HOSPITAL, CARSHALTON, SURREY**  
(731 beds)  
Senior Pharmacist

Applications invited for above post. General acute hospital (Category V). Well equipped pharmaceutical department. The successful applicant will be responsible for the manufacture and issue of ward stocks within hospital and also for issues to the other nine hospitals in Group.

Salary (plus London Weighting) in accordance with Whitley Council Scale. Good canteen facilities. Apply, giving names of two referees, to the Secretary. C 6313

**ST. JOHN'S HOSPITAL, STONE, Nr. AYLESBURY**  
Locum Tenens Pharmacist

(single handed) required for three-four weeks in July 1957. Salary £15 per week. Apply to the Secretary, St. John's and Manor House H.M.C., St. John's Hospital, Stone, near Aylesbury, Bucks. C 6331

**ST. MARY ABBOTS HOSPITAL, MARLOES ROAD, KENSINGTON, W.8**  
Senior Pharmacist

required. National salary scale and conditions. Applications with full particulars and names of two referees to Hospital Secretary (C.D. 196) immediately. C 6279

**THE MILLER GENERAL HOSPITAL, GREENWICH, S.E.10**  
(180 Beds)  
Locum Pharmacist

required for indefinite period in modern department at above hospital. Salary by arrangement. Applications to Chief Pharmacist (Tideway 1136-9). C 6333



**HOSPITAL APPOINTMENT  
OVERSEAS**

CANADA—St. Thomas-Elgin General Hospital, Ontario, require female Pharmacist for dispensary of General Hospital, 285 beds, 61 bassinets. Commencing salary £100 per month. Work as assistant Pharmacist. Apply Mrs. E. Esson, Canadian Department of Labour, 61 Green Street, London, W.1.

C 6330

**Appointments—Continued****WEST MIDDLESEX HOSPITAL,  
ISLEWORTH, MIDDLESEX**

Pharmacist or Assistant-in-Dispensing required, part time. Whitley salary and conditions applicable. Applications stating age, qualifications and experience, with names of two referees to Chief Pharmacist. C 6343

**WHITTINGHAM HOSPITAL,  
nr. PRESTON, LANCs**

Senior Pharmacist (whole-time) required at the above hospital. Commencing salary between £650 and £700 per annum according to experience, rising by regular increments to £830 per annum. Modern pharmacy, good working conditions. Applications immediately to the Secretary. C 6310

**SITUATIONS VACANT  
RETAIL (HOME)**

A PERMANENT POSITION will shortly become available for a pharmacist, of either sex, with a view of taking over management of the head pharmacy of L. Matthews & Son (Chemists), Ltd., whose branches operate at Wanstead, Woodford, Leytonstone, and Buckhurst Hill. Opportunity exists for gaining extensive knowledge and experience in up-to-date and progressive methods in business, additionally to that of dispensing, where the same high standards prevail. Applications are invited from those possessing a high degree of business acumen and high-class pharmaceutical experience, for which a quite attractive four-figure salary and three weeks' paid holiday this summer and annually, and commission, is available, for disclosure at an interview. Apply, Mr. C. Gibson, Ph.C., L. Matthews & Son (Chemists), Ltd., 722 High Road, Leytonstone, London, E.11. C 4457

COVENTRY. Pharmacist required as assistant manager for modern central pharmacy. Good working conditions with excellent supporting staff. No rota, Sunday, or holiday duties. Salary £910 per annum, plus bonus. Superannuation scheme in operation with transfer clause. Suitable accommodation will be obtained if required. Full particulars of experience, etc., to: Superintendent Chemist, Lockhurst Lane, Co-operative Society, Ltd., Holmsdale Road, Coventry. C 4455

PHARMACIST (male, 30-40) required to take charge of the dispensary and to assist generally in the management of the drug and perfumery department of a London store. Hours 9 a.m. to 5.30 p.m. Sats., 1 p.m. Pension scheme. Generous holiday allowance and staff purchasing facilities are offered. Write, with full particulars to Box No. 696, Sells, Ltd., Brettenham House, Lancaster Place, W.C.2. C 310

THE ROYAL ARSENAL CO-OPERATIVE CHEMISTS, LIMITED, require pharmacists as managers and managers to meet the requirements of a development programme in South-east and South-west London. Positions will be permanent and pensionable within a salary range of £800 to £1,000 per annum. Applicants should state whether housing accommodation is required. Locum also required as managerial relief for holiday season from early April to late September. Please state terms. Apply giving age and particulars of experience to: Superintendent Chemist, 71 Powis Street, Woolwich, S.E.18. C 6264

LADY DISPENSER required for middle-class family business. Help given with accommodation if necessary and holidays this year. Please give all details of age, previous experience, etc., to Arnold M. Gee, Ltd., 10 Powis Street, Woolwich, S.E.18. C 4484

POTTERS BAR. A managing pharmacist required for a substantial dispensing business in this area. The shop is attractively fitted, with a good supporting staff. Apply with full details, stating when available for interview to Box C 4487.

PHOTOGRAPHIC STAFF. London Co-operative Chemists are desirous of obtaining the services of male and female staff interested in the sale of photographic requisites and cameras. The positions offer progress and promotion and are situated in various suburban districts of London. Application by letter to Photographic Manager, Grange Road, Leyton, E.10, when an appointment will be arranged. C 4489

WOODFORD. Managing pharmacist required for modern and attractive shop. There will be substantial salary structure, a good supporting staff and well-equipped dispensary. Permanency with superannuation benefits. Flat accommodation available if desired. Apply, stating full details and when available for interview to Box C 4486.

SUPERINTENDENT PHARMACIST required for long-established business situated in centre of populous rural district. Good salary and commission. Modern semi-detached house provided. Apply Maurice Bailey & Co., Accountants, 1a Hustlergate, Bradford, 1. C 4468

ULSTER CHEMIST requires manager for branch pharmacy on housing estate. New shop fitted out one year ago. Modern three-bedroom flat available rent and rates free. Present manager leaving to open own business. Good salary, bonus on profits. Interview arranged in Belfast if necessary. Apply L. L. Herbert, 79 Garron Lane, South Ockendon, Romford, Essex. C 4477

UNQUALIFIED experienced young lady required as assistant dispenser. Some counter work. Good salary and two weeks' paid annual holiday. Telephone Maida Vale 2478. C 4470

YORK CO-OPERATIVE CHEMISTS' SOCIETY have vacancies for Branch Managers (Ladies or Gentlemen) for Pharmacies within the City of York. Good Salaries and Conditions. Permanent, Pensionable and Progressive Positions. Living accommodation at moderate rentals if required. Apply giving full details to the Superintendent Chemist, 22 Railway Street, York. C 4417

WANTED: Unqualified male assistant for City pharmacy, dispensing not essential, for counter and stock chiefly. Hours 9 a.m. to 6 p.m. Monday to Friday, 9 a.m. to 1 p.m. Saturdays. Apply Box C 4483.

**RETAIL (OVERSEAS)**

KENYA: East African Chemists, Ltd., have two vacancies for pharmacists; (a) with managerial experience (if married, preferably without children), commencing salary £1,350 p.a.; (b) junior (unmarried) salary £1,320 p.a. Business has growing veterinary side. Accommodation found. Four-year agreements with four months' paid leave, also paid local leave. Passages paid out and home. Apply in writing with particulars of age, training, experience, etc., to Davis & Soper, Ltd., 52 and 54 St. Mary Axe, London, E.C.3. C 6344

**LOCUMS WANTED**

LOCUM TENENS pharmacist of experience required to undertake several months' tour of duties in the London area. Expenses and salary basis. Applications in first instance to Chief Pharmacist, London Co-operative Chemists, Ltd., Grange Road, Leyton, E.10. C 4488

**CRAWLEY · SUSSEX**  
A few NEW TOWN CENTRE  
**SHOPS**

SUITABLE FOR CHEMISTS  
still available

RENTS from £450 (rising). Frontage 18/20 ft.; depth 40/60 ft. and two floors over. EARLY POSSESSION

Particulars from

HILLIER, PARKER, MAY & ROWDEN  
77 GROSVENOR STREET, W.1. (MAYFAIR 7666)

Local enquiries and plans from

CRAWLEY DEVELOPMENT CORPORATION  
ESTATES DEPARTMENT, 103 HIGH ST., CRAWLEY, SUSSEX  
(CRAWLEY 1844) C 4472

**WHOLESALE****ASSOCIATION OF BRITISH  
PHARMACEUTICAL INDUSTRY**  
requires an additional  
**ASSISTANT SECRETARY**

with experience in the sales or medical information department of a manufacturer or ethical medical specialities. Ability to address meetings and to write reports essential. This is a responsible, interesting and progressive post. Starting salary according to age and experience. Applications, marked "Confidential," to the Secretary, A.B.P.I., Tavistock House South, Tavistock Square, London, W.C.1. C 4458

A CHEMIST with qualifications and experience is required for a senior post in the laboratory of a West Middlesex company, manufacturing pharmaceutical products. The man appointed to this interesting and progressive post will need to be enthusiastic, willing to learn new techniques, able to control staff and to accept responsibility. Conditions of employment are good and there are pension and profit participation schemes in operation. Applicants should give full details of experience with age and qualifications to Box C 6335.

AN ESTABLISHED pharmaceutical company of highest repute marketing a range of nationally known products to wholesale and retail chemists requires an additional representative to cover City, East and S. London, part Surrey, Oxfordshire and Berkshire. Payment is by salary. Pension and incentive bonus schemes are in operation, all expenses paid and a company car provided. Gentlemen with a pharmaceutical background, with or without experience of representation, who reside on the appropriate territory, should apply in confidence, giving details of age, experience and salary required, to Box C 6339.

IMPERIAL CHEMICAL INDUSTRIES LTD., invites applications from young pharmacists for medical representative work in Northern Ireland. Previous experience of this type of work would be an advantage but not essential as initial training will be given. Applications with full particulars should be addressed to the Staff Manager, Imperial Chemical Industries, Ltd., Pharmaceuticals Division, Fulshaw Hall, Wilmslow, Cheshire. C 6346

LEADING IMPORTER/EXPORTER/DISTRIBUTOR has opening for sample clerk. Previous experience not essential, but interest in chemistry an advantage. Reply Box C 315.

MEDICAL REPRESENTATIVES required for the following areas: (1) Staffs and Shropshire; and (2) South Wales; preferably 25-35; personality, enthusiasm and sales ability are prime requirements; pharmaceutical experience an advantage but an interest in medical technicalities and ability to learn quickly are an acceptable alternative; the post entails detailing highest quality pharmaceutical products to the medical profession and servicing the retail and wholesale pharmaceutical trade; company car provided. Expenses allowed and a pension scheme is operated. Applications in writing, giving fullest details of education and experience, should be addressed to the Sales Manager, Lederle Laboratories Division, Cyanamid of Great Britain, Ltd., Bush House, London, W.C.2. C 316



**ORTHO PHARMACEUTICAL  
LIMITED**

is looking for a young chemist or pharmacist of high aims and intelligence to fill a position of increasing responsibility in pharmaceutical production. The man we are looking for will fit into a virile rapidly advancing organisation and appreciate the exceptional opportunities offered to pursue a satisfying, secure and lucrative future as the rewards for his contributions to a successful group enterprise. Those of suitable background and qualifications to whom the terms of this advertisement appeal are cordially invited to communicate with the Director of Manufacturing and Pharmacy, Ortho Pharmaceutical Limited, High Wycombe, Buckinghamshire.

C 6327

**Situations Vacant—Continued**

**OLD-ESTABLISHED** manufacturing chemists require the services of a qualified chemist or A.R.I.C., with manufacturing experience for laboratory control. Good prospects. Five-day week. Apply, stating age, experience and salary required to Box C 4462.

**OPPORTUNITIES FOR PHARMACISTS**

are offered by a well-known British Group, expanding in the ethical pharmaceutical field. Backed by an extensive and energetic research and development programme, the successful applicants will have a unique opportunity of taking part in the growth of a newly formed subsidiary company.

Our requirements are for pharmaceutical qualified personnel as follows:—

1. **SALES SUPERVISOR.** Applicants should be between 30-40 years of age, and have had previous experience of supervisory work in the field or from the office. He must have a knowledge of medical representation and be able to promote a team spirit and accept executive responsibilities. The successful applicant will be based on Head Office in the vicinity of North London but a considerable amount of travelling will be involved.

2. **ETHICAL REPRESENTATIVES.** Territories are available in all parts of the British Isles for ambitious men aged 25-40 years of age who will work conscientiously with minimum supervision. Previous experience, although desirable, is not essential as adequate training will be given. Successful candidates will be expected to work closely with members of the medical and hospital pharmaceutical profession.

For these posts salary will be commensurate with experience. Pension and life assurance scheme after qualifying period. Travelling expenses and company car will be provided.

Please apply in writing, giving concise summary of age, qualifications and experience, to Box C 6314.

**PHARMACEUTICAL CHEMIST** required for expanding pharmaceutical manufacturing house in North London. The work initially will entail development of formulations with some control of manufacturing processes as these are developed. Knowledge of sterile procedures an advantage. The prospects are good and there is a non-contributory pension scheme. Five-day week. Write giving age and details of experience to Box C 6334.

**PARKE, DAVIS & COMPANY,  
LIMITED,**

invite applications from pharmacists for a junior executive position in their pharmaceutical manufacturing division. The position, which has become vacant due to a promotion, involves supervision of groups of process workers and offers an opportunity to gain wide experience in modern, large-scale production methods. Good promotion prospects; previous manufacturing experience, while an advantage, is not essential. 5-day week, staff restaurant, generous pension plan. Write with full particulars to Personnel Manager, Staines Road, Hounslow, Middlesex. C 6276

**PHARMACIST FOR LONDON AREA**

A pharmacist is required to discuss with the medical profession the products of modern pharmaceutical research. Have you the personality and enthusiasm to talk convincingly on products that interest doctors? A man interested in making a career with a progressive company, is offered sound training, a car, plus excellent salary and liberal expenses. Write to the Sales Manager, Upjohn of England, Ltd., Fleming Way, Crawley, Sussex. C 6324

**REPRESENTATIVE** required by firm of manufacturing chemists to call on doctors, hospitals and chemists in connection with ethical pharmaceutical specialities. Territory: Western London and Middlesex. Applicants must live on, or near ground. Box C 6308.

**BRITISH EAST AFRICA****MEDICAL REPRESENTATIVE**

Pharmaceutical house of international repute invites applications from pharmacists for this new appointment involving the detailing of products of original research to doctors, hospitals and chemists in Kenya, Uganda, Tanganyika and Zanzibar. Previous representative experience not essential. The representative would be based on Nairobi and work in co-operation with the company's agents. The post offers considerable scope, with progressive salary, company car, pension fund, low income tax, and home leave on full pay every 4 years. Box C 6328.

**PHARMACEUTICAL MANUFACTURERS** require man for process work on tablets, must be conscientious worker and willing to learn. Some knowledge of coating would be useful. Clean working conditions, five-day week, canteen, good wages according to experience. Write full details to Production Manager, Roussel Laboratories, Ltd., 847 Harrow Road, London, N.W.10. C 6347

**STAFFORD ALLEN & SONS** require keen young man for sales promotion office—must be able to handle correspondence and have good telephone manner. Write giving details of experience, etc., to Ref. JAD, 20 Wharf Road, N.1. C 6332

**UCAL (UNITED CHEMISTS  
ASSOCIATION LIMITED)****Augmentation of Representation**

Applications are invited for Representatives (27/35 years preferred) to cover:

- (a) Lancashire, Cheshire and West Yorkshire.
- (b) Central and East Midlands (Warwick, Staffs, Lincs, Derbys, Leics, Notts).
- (c) South Wales, Hereford, Worces, Shropshire.
- (d) Greater London Areas.
- (e) South Coast Counties.

Well-established men (or women) with wide Sundries experience will receive preference. Keen young men with good all-round knowledge of Pharmacy should also apply.

Salary, commission and expenses. Sound permanent post. Applications with full personal details, area, etc., also whether car owner, in strict confidence to Sales Manager, Ucal Works, Cheltenham, Glos. C 6294

**WHOLESALE (OVERSEAS)**

**APPLICATIONS** are invited for two posts within the organisation of a major pharmaceutical company. The positions will appeal to young men who have recently qualified in pharmacy or in natural science and who, after a period of training in the United Kingdom, would be prepared to take up posts in overseas markets. Salary will be commensurate with the responsibilities involved. Apply initially in writing, giving full details of qualifications and experience, to Box C 6317.

**EVANS MEDICAL SUPPLIES LTD.****Pharmaceutical Research Assistant**

A pharmacist or chemist with suitable pharmaceutical background is required for team work in formulation and process research, which will include projects of a fundamental nature.

Attractive conditions of service including pension scheme. Apply stating age, education, qualifications and experience to Pharmaceutical Development Director, Evans Medical Supplies Ltd., Speke, Liverpool, 19.

C 6292

**PRODUCTION MANAGER & BUYER**

**A HIGH-CLASS** expanding perfumery Company, manufacturing perfume only, with well-established U.K. and export markets, requires a suitably experienced young man to become Production Manager. He will be required ultimately to buy and control stocks of packaging components and print, and will take charge of the packaging of the Company's products so that previous similar knowledge and experience would be an advantage. The prospects of rapid advancement are great for a meticulous man with a sense of perfection and a commencing salary of between £700 and £900 per annum will be paid. Applicants within age group 26-33 should give full details of education, experience, present and previous positions held and salaries in each. All applications will be treated in the strictest confidence and should be addressed to: The Managing Director, PICOT LIMITED, 11/21 Queen Caroline Street, London, W.6. C 6283



**REPRESENTATIVES REQUIRED**

A leading Pharmaceutical Company invites applications from experienced medical representatives for the following vacancies:—

1. **Liverpool Area**
2. **Norfolk and Suffolk**

Applicants should be pharmacists of good experience. The salary offered will be at least £1,250 with agreed annual increases. A new car will be provided and generous expense allowance given. A good pension scheme exists. The advertisers desire to appoint first-class men who would be assured of security of tenure and ample opportunity for promotion in a friendly organisation.

Several other vacancies will arise during the coming summer in London and the Home Counties, the Midlands and the South West and pharmacists who may be interested should write for particulars.

Applications will be treated with utmost confidence and should contain full personal details. Box C 6338.

**Situations Vacant—Continued**

A **LEADING** British company, associated with the pharmaceutical and fine chemical industries, invites applications from suitably qualified young men, under 26 years of age, for appointment as Sales and Technical Sales Executives within their Commonwealth Division. Successful candidates might be Pharmacists or Honours Graduates in Natural Science who, after six months training in the United Kingdom, would be prepared to take up posts abroad for a minimum period of three years. The company has been established for over a century and its policy is to promote internally. The needs of expansion are, therefore, met by careful selection of recently qualified personnel who might quickly show an appreciation of sales problems, and have the ability to express themselves clearly and concisely. Remuneration would be fully commensurate with qualifications, experience and the responsibilities involved. Apply initially in writing, to Box C 6316.

**AGENTS WANTED**

**FREE-LANCE AGENT/SALESMAN** wanted, calling on doctors, dentists, chemists, physiotherapists, hairdressers, etc., for the sale of "Surgery" and other hand towels, dental napkins, etc. Territories other than Lancashire and W. Riding of Yorkshire. Box C 4471.

**SITUATIONS WANTED****WHOLESALE**

**FIRST-CLASS REPRESENTATIVE**, excellent connections wholesale and retail chemists London area, including West End, desires appointment with reputable house. Box C 4476.

**FOREMAN TABLET MAKER** with good experience of all branches of manufacture desires position with London firm. Box C 4482.

**REPRESENTATIVE** calling retail chemists Central London, seeks sound additional line. Five years with present firm. No objection on their part. Telephone: Renown 3742. Box C 4480.

**SALES AND ADVERTISING MANAGER**, wide and varied experience. Very successful record this and other trades. Pharmacist. Box C 4481.

**BUSINESS OPPORTUNITIES**

**BOTTLING** and packing or packing only. Leeds manufacturing chemists have surplus capacity April to August. Write Box C 4478.

**IRISH DISTRIBUTORS**

Well-known Company of Distributors in Dublin, established over 70 years in marketing Proprietors' Pharmaceuticals, Toilet and Allied Preparations, have first-class facilities available to undertake distribution to the Wholesale and Retail trade throughout Eire. Packaging facilities also available. Enquiries treated in strict confidence should be addressed to Box C 6213.

**BUSINESS OPPORTUNITY:** Pharmaceutical company has agreed tax loss of approx. £50,000 for sale. Principals apply Box C 4479 for details.

**EVERY GO-AHEAD CHEMIST** should sell the C.F. line Paton's Dental Ointment, the original. For mouth ulcers, sore gums, cold sores, etc., there is nothing like. Retail 2s. 3d. per tube. Packed in counter display outer of one dozen tubes. It shows top-rate profit, and sells all through the year. Extra advertising. Customers become life users for everything indicated. Your C.F. line. Don't delay, order now. F. C. Paton (Southport), Ltd., P.O. Box 5, Southport. C 4485

**OUR FACTORY AT YOUR DISPOSAL.** We have modern facilities for the production, under your own Brand, of preparations like bath cubes, bath salts, powder in envelopes, perfumes, talcum powder, etc., as well as technical products, e.g., disinfectant blocks, moth repellants and agricultural tablets. Write Box A.C.26825, Samson Clarks, 57-61 Mortimer St., W.1. C 314

**WANTED**

**ALL KINDS OF BOTTLES, JARS, SCREW CAPS**, cartons, packaging materials and manufacturers' stocks of all kinds bought at fair prices for spot cash. We are buyers of merchandise of **EVERY DESCRIPTION**. Clearance Stocks. Discontinued lines. Surplus and Redundant Stocks. Should you have anything for disposal, please send us samples and particulars. Reliance Trading Co., 75 Fairfax Road, Swiss Cottage, London, N.W.6. C 153

**LARGEST CASH BUYERS** of photographic equipment of every description, outdated film and paper, etc. Spears, 14 Watling St., Shudehill, Manchester, 4. Phone: Blackfriars 1916. Bankers: Midland Bank, Ltd. C 306

**WE WILL PURCHASE** for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone:—

Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel.: Bayswater 4020 and 7692. C 140

**MISCELLANEOUS SALES**

**100 BAYS** of brand new adjustable steel shelving, 72 in. high by 34 in. wide by 12 in. deep. stove-enamelled bronze green. Sent knocked down—6 shelf bay—£3 15s. Sample delivered free. Quantity discounts. N. C. Brown, Ltd., Eagle Steelworks, Heywood, Lancs. Telephone: 69018. C 6035

**400 1-gallon amber glass bottles** at 4s., 1, 2, 3, 4 and 5-gallon stone screw-top bottles at 3s. (prices rising by 3s. per gallon). W. Roach, 41 Hawkwood Crescent, Chingford, E.4. Phone: Silverthorn 3148. C 4445

**MANUFACTURER** gives to clear, Twin-headed Gravfil filler for £21. Also cream filler, lipstick mould, essences, chemicals, bottles, caps, dyes. Offers for whole invited, but will split. List from Hinds, 309 Fulham Road, S.W.10. C 4473

**WINTER BRIGHT FASHION JEWELS**

**FREE LIST FROM**  
**L. FRANKENBERG, LTD.,**  
**37 HOUNDSDITCH,**  
**LONDON, E.C.3**

C 269

**OVER 40 YEARS EXPERIENCE**

**★**

**Send for CATALOGUE of UNIT FITTINGS**

**229, OLD ST., LONDON, E.C.1.**  
**TELEPHONE CLERKENWELL 5886**

**IMPORTANT**

Office Box numbers are intended exclusively for specific answers to particular advertisements. Price Lists, Trade circulars, Samples and Printed Matter cannot be forwarded.

**PATENTS****BRITISH PATENT NO. 703017**

Cyclopentanoperhydrophenanthrene Compound and Therapeutic Compositions containing it.

The Proprietors of Patent 703017 desire to enter into arrangements by way of licence or otherwise on reasonable terms to ensure its full development and commercial working in this country. Address enquiries to: W. P. Thompson & Co., Chartered Patent and Trade Mark Agents, 12 Church Street, Liverpool, 1. C 4475

**BRITISH PATENT NO. 702985**

Improvements in and relating to Imines and Amino Compounds Prepared therefrom.

The Proprietors of Patent 702985 desire to enter into arrangements by way of licence or otherwise on reasonable terms to ensure its full development and commercial working in this country. Address enquiries to: W. P. Thompson & Co., Chartered Patent and Trade Mark Agents, 12 Church Street, Liverpool, 1. C 4474

**MISCELLANEOUS**

**IMITATION JEWELLERY.** The newest designs for spring in ear-rings, brooches, bangles and bracelets, necklets, etc., just arrived from abroad. We can offer the largest selection in the country. Also "Sales" parcels of best value from £10. Jodez (Manchester), Ltd., 8 Shudehill, Manchester, 4. C 6299

**SUPPOSITORY EXCIPIENTS "IMHAUSEN"**—in five different grades to suit individual needs—available from Chemicals Trading Company, Ltd., 102 Bishopsgate, London, E.C.2. C 300

**DEVELOPING AND PRINTING****D. AND P.**

We offer a first-class Service to Photo-Dealers and Chemists in all parts of the country.

Postal bags and Show Material free. **QUALITY • SPEED • RELIABILITY**  
**PERFEX PHOTO SERVICE**

F. R. Hughes  
**MELKSHAM WILTS**  
C 304

**MEDIUM SIZED D. & P. WORKS**

established 16 years, with enthusiastic management and staff and with the very latest equipment, would welcome your D. & P. enquiries. Postal service is per return but quality is not sacrificed. P.D.A. prices and discounts. We are members of P.D.A., W.P.F.A., and I.B.P. Mr. L. H. Morgan, Gwent Photographic Services, Snatchwood Works, Pontypool, Mon. Tel.: Taly-wain 355. C 274

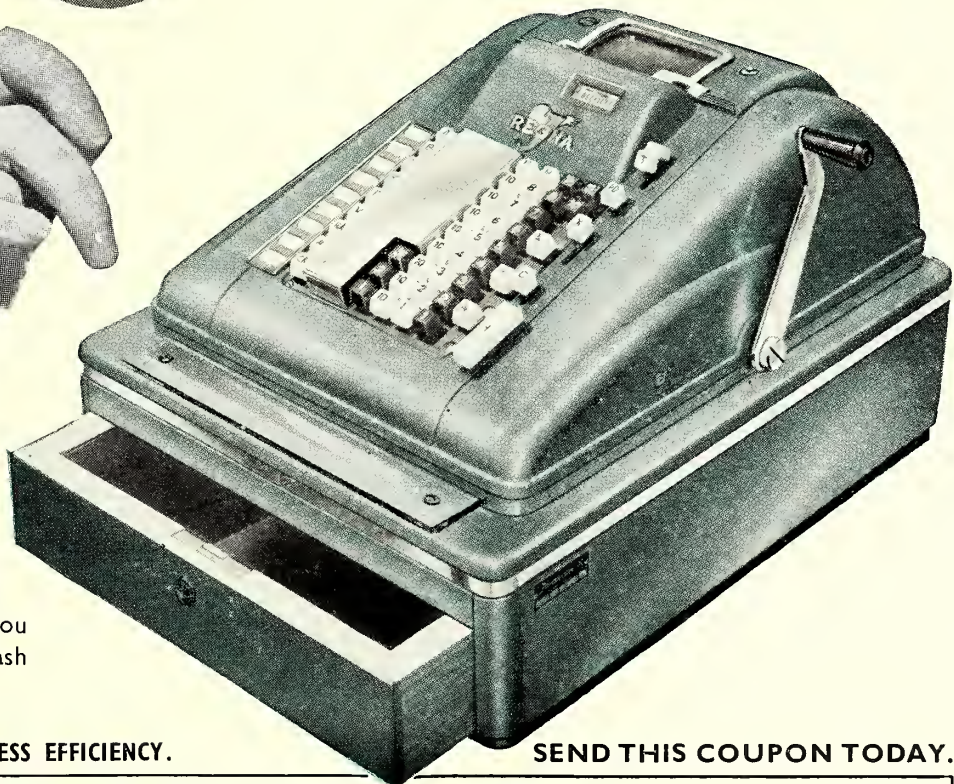




*It's Wonderful!*

IT SAVES TIME IT'S FASTER

*Of course it's a* **REGNA**  
CASH REGISTER



You can have accuracy and security. You can analyse your takings in a flash. You can register credit and cash trading.

TO IMPROVE YOUR BUSINESS EFFICIENCY.

SEND THIS COUPON TODAY.

Dear Sirs, Please send me details of the particular REGNA model to suit my specific needs.



Name .....

Address .....

27 JOHN ADAM STREET, W.C.2. TEL.: TRAFALGAR 3718  
Scottish Office: 27 Oswald St., Glasgow, C.1 Tel.: Central 3710 3

THE REGNA CASH REGISTER CO.



*When a little  
 help is needed —*



*— recommend*

**LIXEN**

**THE  
 GOOD  
 NATURED  
 LAXATIVE**

**PRESENTATION**

<b>LIXEN ELIXIR</b>	Trade price	P T	Retail price inc. P T
Bottle of 2 fl. oz.	1/2	4d	1/11½
Bottle of 4 fl. oz.	2/-	7d	3/5
Bottle of 8 fl. oz.	3/6	1/0½	6/-
<b>LIXEN LOZENGES</b>			
Bottle of 30	1/5	5d	2/5

**ALLEN & HANBURYS LTD**  
 L O N D O N E 2



